AMERICAN UNIVERSITY OF NIGERIA
CATALOG
FALL 2016 - SPRING 2018
Effective Fall 2016

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**SUMMER SESSION 2017**

**MAY 22 – JULY 14**

*** PLEASE BE ADVISED THAT THIS CALENDAR IS SUBJECT TO CHANGE DUE TO CHANGES IN PUBLIC HOLIDAYS DESIGNATED BY THE GOVERNMENT. WE WILL PROVIDE YOU WITH UPDATES AS WE ARE NOTIFIED OF CHANGES.
UNIVERSITY PROFILE

History
The American University of Nigeria was founded by the former Vice President of Nigeria, His Excellency Atiku Abubakar, GCON, in his hometown of Yola, the capital of Adamawa State in northeastern Nigeria.

Having first established a private primary and secondary school, ABTI Academy (now AUN Academy) in 2002, His Excellency approached American University in Washington DC for advice and assistance in establishing an American-style university. That university was licensed as ABTI University in 2003, and ground was broken for construction in October of 2004 on land originally donated by the 11th Lamido of Adamawa State, Alhaji Dr. Aliyu Musdafa. The re-named ABTI American University of Nigeria established an outstanding international Board of Trustees, including Bishop Desmond Tutu of South Africa as well as Professor Robert Pastor from American University and the new chairman of the Board, the distinguished Nigerian civil servant, Alhaji Ahmed Joda. The first class of students—124 in all—was admitted in the fall of 2005/Spring 2006. The first President was Dr. David Huwiler.

Conceived from the outset as a university which would focus on development issues while providing a university education in content and pedagogy embodying the best US practice, the three constituent schools were: the School of Arts & Sciences; the School of Business & Entrepreneurship, and the School of Information Technology and Communication. In 2007 the name of the institution was changed to the American University of Nigeria. It graduated its first class of 92 students in 2009. Every class since that time has graduated right on schedule.

The University sits on a parcel of land exceeding 2,500 acres. It was accredited by the Nigerian National Universities Commission (NUC) in 2008, and has been re-accredited since that time. In 2012 AUN instituted its first post-graduate program, an Executive Master's degree in Information Technology. Since then, more postgraduate programs up to the Ph.D. level have been approved by the NUC. The University has its own power station and from its inception has provided 24 hour/day Internet connection, unique in Nigeria. In 2014 it opened the new Robert A. Pastor Library and E-Learning Center, home of its award-winning e-library.

Location
The University is located in the city of Yola, capital of Adamawa, one of Nigeria's 36 states. The campus, which occupies nearly 1000 hectares, is a serene mixture of desert and farmland. Adamawa, one of the six states in northeast Nigeria, shares the longest borderline with The Republic of Cameroon. Yola is accessible by road and air, and daily flights from the Yola Airport connect through Abuja to regional, national and international locations.

Campus
The campus is new, attractive and modern. The Main Campus comprises 11 new buildings including eight comfortable dormitories, a spacious cafeteria, classrooms, a large commencement hall, office buildings and a general-purpose block. The new library complex, The Robert A. Pastor Library and E-Learning Center has been completed and contains a library section, state of the art classroom facilities, study rooms, reading zones, the Advising Unit, Honor Society tutoring, The Writing Center, and the Atiku Center for Leadership, Development and Entrepreneurship. The North Campus, located across the street from the main campus, provides dedicated space and buildings that include the new fully furnished Faculty (housing) Village, athletic facilities, the admission office, public affairs and the community development center. All buildings are fully air-conditioned and installed with modern facilities. The entire campus has wireless Internet connectivity and dorms are provided with security personnel, 24 hour electricity, clean running water, and cable television in common rooms.
Health and Safety
AUN works diligently to ensure the safety of its students, staff and faculty. The Safety Unit monitors fire prevention efforts – including campus fire alarm systems, and maintenance of extinguishers. The Unit also oversees regular fire drills and the fire response team (2 fire engines and 10 crew members). The unit is complemented by the AUN clinic, which is fully staffed by medical professionals and equipped with two ambulances. Health services are available to students, faculty and staff 24 hours a day, 7 days a week.

The American University of Nigeria Security and Safety Department was formed in 2011 as a professional security force, authorized by the President of AUN and the Board of Trustees.

The AUN Security and Safety Department is charged with saving lives and protecting property while working to provide a safe teaching and learning environment, focusing on positive interactions, and building relationships. The officers use a team approach to problem solving, conflict resolution, and the university’s development concept. They are the first responders to fire, criminal activities, disorder, and medical emergencies. Officers also conduct parking enforcement, traffic control, aerial research, surveillance, as well as Equine and K9 patrol of the campuses.

AUN Security and Safety Officers work closely with the school administration, students, faculty, staff, local community, and local law enforcement. They provide a police presence and security for student events and all university activities. The AUN Security and Safety Department also conduct regular security training and education, fire training and education, and conduct investigations of policy and institutional violations.

Environment
AUN has a formal Environmental Unit responsible for campus-wide trash collection, cleaning and 100% recycling of all waste produced by the institution. The AUN recycling center manufactures handcrafts and eco bricks from all plastic and glass waste and compost from all paper and organic waste. The Sustainability Team and Facilities unit oversee the efficient use of such resources.

Vision
AUN seeks to become a great center of learning and research for Nigeria and Africa, and a catalyst for development in the entire world. In the words of its Founder, it sees its role as a “Development University.” Thus, the University will honor the traditional university roles of repository and transmitter of culture and knowledge, and center for the creation of new knowledge. As a “Development University,” it will also focus on the practical roles that a great university must play in the development of a great nation and continent.

Mission
To these ends as a “Development University”, AUN will foster the creation of leaders committed to sustaining a democracy in which diverse people share in the rights and responsibilities of citizenship, are proficient in creating and applying technology to wise purpose, and are dedicated to securing a humane and prosperous world.

AUN will become a place where students' dreams become Africa's future. At AUN, lives will be transformed for service and leadership to lead Africa and the world in what will surely be the challenging years ahead.

To realize this vision and fulfill our mission, we will focus our planning on the following strategic goals: AUN will

  Goal 1: Be the Development University for Africa.
  Goal 2: Retain and recruit faculty with the highest standards of academic excellence who are devoted to teaching, research and mentoring students to solve societal problems.
Goal 3: Foster and build an environment that develops students who are problem solvers, and whose lives are transformed for service and leadership.

Goal 4: Develop and encourage the effective use of technology to support learning and research by students and faculty.

Goal 5: Develop the physical environment to support the learning, teaching and research goals of a Development University.

Goal 6: Accelerate and sustain financial growth to achieve financial stability.

Goal 7: Help create and sustain a social and political environment supportive of these goals.

Values Statement
Our values statement defines what we hold in common as members of the AUN community, and informs our vision and mission statements.

- We believe that tolerance and understanding among national, ethnic, and religious groups are essential to the success of this or any other nation. The University will actively work to instil these values in its students and will itself reflect them in its policies.

- We believe that the University, in all of its activities, shall demonstrate the highest standards of integrity, transparency, and academic honesty.

- We believe that freedom of expression is fundamental to any intellectual community and affirm that all members of the AUN community will have the freedom to express any opinion without fear of reprisals of any kind.

AUN Learning Outcomes

I. Capacity to think critically and independently, and apply knowledge to solve problems
- Students will develop the skills to analyze, synthesize, and evaluate data and information.
- Students will communicate effectively through expressive and receptive methods (written, oral, quantitative, visual) using appropriate resources, including digital technologies.
- Students will be able to identify, appreciate, and strategize everyday problems.
- Students will develop emotional intelligence.

II. Understanding the importance of sustainable development
- Student will innovate to solve social and development problems.
- Students will develop the ability to apply knowledge to solve social problems.
- Students will develop social responsibility to others through engaging in community service-based projects.
- Students will demonstrate an understanding of national and global issues to function effectively as responsible democratic citizens and global change agents.
- Students will understand and develop the capacity to function effectively in other cultures.
- Students will be able to define their identity in relation to cultural and social differences to include gender, religion, ethnicity and different lifestyles.

III. Disciplinary and Interdisciplinary knowledge, skills and values
- Students will gain mastery of both disciplinary and interdisciplinary knowledge through their majors and minors. They will be able to use this knowledge to understand their world and participate in civil society.
- Students will gain an appreciation for a liberal arts education.
IV. Ethics
- Students will develop the capacity to act on ethical judgments.
- Students will conduct themselves with honesty and integrity.
- Students will develop a personal code of ethics to guide decision-making rooted in a sense of responsibility as a member of society.

V. Leadership
- Students will become responsible and courageous leaders who will hold themselves and others accountable.

VI. Sustainability
- Students will understand and appreciate economic, political, environmental and social connections in order to build a sustainable future.
- Students will develop the discipline to manage abundant or scarce resources.

VII. Entrepreneurship
- Students will develop the knowledge and skills to recognize and act innovatively on business and social opportunities.

VIII. Life Skills, Personal Development and Careers
- Students will be able to prioritize and manage resources effectively.
- Students will be able to manage and resolve conflict productively.
- Students will be able to master independent living skills.
- Students will be able to practice physical, emotional, spiritual wellness.
- Students will be able to compete effectively for a job.
- Students will become lifelong learners.
AMERICA IN YOLA: HOW AN AMERICAN EDUCATION IS DIFFERENT

Coming to AUN and experiencing an American-style university education is new for most African students and for their parents. We are very conscious of the cultural differences (and similarities) between Nigeria and the United States and work hard to develop an intercultural understanding among all members of the AUN community. An American-style education focuses on critical thinking, problem solving and leadership development. In addition, our education is based on the following principles: that every individual deserves equal respect, is unique, and deserves the knowledge and skills to be good citizens in order to improve society.

GENERAL EDUCATION: Unlike universities in many other countries, in addition to studying a specialty such as "Petroleum Chemistry" or "Marketing" or "English Literature," American universities all have programs in "General Education." That means students study more broadly; they learn ideas from other specialties. They learn ethics, and history, and culture, and languages, and literature, and science. We call this a "well-rounded" education. We are training not just specialists, but knowledgeable global citizens.

MAJORS AND MINORS: As in all universities, each student is expected to specialize in a particular subject matter. In the American system, such specialties are called “majors.” All students will graduate with a particular major. Some students also want to learn about another field of study in some depth, but not as their primary focus. In the American system, such sub-specialties are called “minors.” Thus, for example, one could major in Economics and minor in Journalism, or have some other combination of studies.

ELECTIVES: Some courses are required of all students, and some are courses that students get to choose themselves: electives. Students (with the help of their Chair and academic advisors) get to choose which course in science--for example--is most interesting and helpful. Even "majors" and "minors" allow students to make some individual choices within their respective specialties.

The result is that by the end of four years with us, no two students have taken exactly the same courses. Everyone would have had an individual education, because everyone has different talents, interests and goals. Everyone is an individual, and every education unique.

CLASS PARTICIPATION: Because one of the goals of American education is to help train students to think for themselves, be creative, and solve new problems, students are required to actively participate in class. They don't just sit and absorb what comes from teachers, books, and the Internet. They are expected to ask questions, discuss the course materials with fellow-students and professors, critically think and confidently defend their own ideas. They are even expected to challenge, engage and debate with their instructors. These, we believe, will help students learn how to become creative, assertive adults; these activities count towards their final grade for each course taken.
UNDERGRADUATE PROGRAMS

MAJORS
School of Arts & Sciences
B.Sc. Communications and Multimedia Design

Concentrations:
- Public Relations & Advertising
- Journalism
- Radio/Television/Film
- Multimedia Design

B.A. Economics
B.A. English Literature and Language
B.A. International and Comparative Politics
B.Sc. Natural and Environmental Sciences

Concentrations:
- Conservation Biology
- Environment and Health
- Biomedical Sciences

B.Sc. Petroleum Chemistry

School of Business & Entrepreneurship
B.Sc. Business Administration
B.Sc. Accounting
B.Sc. Finance
B.Sc. Entrepreneurship Management
B.Sc. Marketing

School of Information Technology & Computing
B.Sc. Computer Science
B.Sc. Information Systems

Concentrations:
- Applied Networking
- Database and Web Database
- Information Security and Assurance
- Information Systems
- Management Information Systems
- Software Applications Development

B.Sc. Software Engineering
B.Sc. Telecommunications & Wireless Technologies

School of Law
Bachelor of Laws (LL.B)
MINORS

School of Arts & Sciences
  Advertising
  Economics
  English Language and Literature
  International and Comparative Politics
  Journalism
  Multimedia Design
  Mathematics
  Natural and Environmental Science
  Statistics
  Television/Film
  Writing

School of Business & Entrepreneurship
  Accounting
  Business Administration
  Entrepreneurship Management
  Finance
  Marketing
  Social Entrepreneurship
ADMISSIONS

The American University of Nigeria places great emphasis on excellence. Just as it strives to build the finest academic programs in Africa, it also strives to admit the very best students from Nigeria, West Africa and around the world. Accordingly, admissions are selective and candidates are admitted solely on the basis of their academic qualifications.

Rolling Admissions
AUN has a rolling admission policy. The admissions office will admit students prior to the Fall or Spring semesters until the University is at full capacity. After this, all admitted applicants will be deferred to the next intake.

In accordance with the traditional American academic calendar, at AUN there are two regular intake terms per academic year. The Fall intake is in August and the Spring intake is in January. Unless a student indicates otherwise on his or her application, the student is admitted for the intake that is closest to the time of acceptance. The exception to this rule is when the University reaches full capacity for the term. Students are then notified if their acceptance is deferred to an intake that occurs later than the one for which they applied.

Advanced Standing/Placement
Advanced Standing/Placement credits for A-Levels, approved Diploma Programs and Advanced Placement Testing for certain courses may be granted to students who have achieved an exceptional level of preparation through A-levels, approved diploma programs, advanced placement testing and/or other equivalent means. Advanced standing requires the approval of the Dean, in consultation with the Registrar and the Director of Academic Advising.

Transfer Student Admission Requirements
Students who have successfully completed college/university level coursework prior to their acceptance at AUN should submit official transcripts with their application. Transfer credits are evaluated by the Registrar's Office, in consultation with the appropriate Deans prior to AUN enrollment.

Grades earned in courses accepted for transfer will not be included in the GPA of the student at AUN. However, the credits earned will be counted towards the total number required for graduation and only courses where students earned a grade of ‘C’ or higher will be considered for transfer to AUN. A maximum of 60 credit hours from accredited institutions of higher learning may be accepted and used to satisfy major and general education requirements.

All Students who have completed 2 years or more or have completed 60 transferable credit hours and above from an accredited university with a CGPA of 2.0/4.0 or higher OR 2.5/5.0 or higher will be admitted without having to present the University with any high school or examination documentation. Students who do not meet the above-mentioned criteria must apply with their high school credentials.

AUN reserves the right to deny credit for any courses taken at other institutions for any reason. Courses taken more than 10 years prior to acceptance will require additional review. Only those courses that are comparable to AUN courses in content and rigor may be approved for transfer.

Students transferring credits from a university on a quarter system may receive 2/3 of an AUN credit hour for each quarter hour earned. For example, four quarter hours from a transfer institution equals 2.67 credit hours at AUN. AUN may allow a maximum of 12 credits to transfer that are recorded on a pass/fail basis.
Visiting Student (Non-degree)

A visiting student is one who is enrolled at another institution, either in Nigeria or abroad, and who seeks to enroll at AUN but not to earn an AUN degree. Students in this category are not formally admitted to AUN. To apply as a visiting student, the student submits a visiting student application available from the Office of the Registrar (registrar@aun.edu.ng), an official transcript or other formal record of the student's post-secondary work and a letter from the student's home institution confirming that the student is in good standing. Non-native speakers of English who have not studied at institutions in which English is the language of instruction must provide TOEFL or IELTS scores. Students visiting AUN from partner universities under the Global Liberal Arts Alliance (GLAA) program should contact the Study Abroad Office.

Readmission

A student whose studies at the University are interrupted for any reason for a period of two or more semesters (excluding the Summer session) is required to submit a formal application for readmission, together with a reapplication fee to the Office of the Registrar (registrar@aun.edu.ng). All prior balances must be cleared in order for a readmission application to be considered.

The application and supporting documentation for readmission must be received at least one month before classes resume in the semester that the student wishes to attend. The only exception to the readmission policy is when written authorization is given for a leave of absence or to study at another collegiate institution. This authorization must be obtained prior to the interruption of study.

A student who is readmitted is subject to the academic requirements and regulations in effect at the time of readmission.
TUITION & FEES PAYMENTS

Payment Requirements
The University requires all students’ tuitions and fees to be fully paid prior to the start of each semester. All payments for tuition, housing, dining and other costs as defined in the tuition and fee structure for the current semester must be made in full before a student may move into his/her room and before he/she may attend classes.

Payment Plans
Tuition and fees are due before the first day of each semester; unless a deferred payment agreement is submitted to AUN. With the deferred payment agreement, the Student/Parent/Guardian is required to pay tuition and fees in specified installments over a period of months. Any charges that are not covered under the deferred payment agreement are due upon registration. The University will not accept letters promising to pay.

In the event that a student chooses to defer payment, the student(s)/parent(s)/guardian(s) are responsible for selecting one of the two deferred monthly payment plan options. Both of these options require an initial (down) payment. This initial (down) payment must be made at the time the deferred payment plan agreement is returned. The outstanding balance not covered by scholarships, grants and bank loans is payable through Guaranty Trust Bank (G TBank) PLC (visit our website for account details) prior to registration being finalized and official registration completed.

Outstanding balances due can be paid by one of the following acceptable means: certified check, cashier's check, manager's check, money order, and/or bank draft. Personal checks will not be accepted.

Failure to make the appropriate satisfactory financial arrangements for the balance due by the due date may warrant a cancellation of the class schedule or a withdrawal from semester.

Deposits
Students are required to make all deposits in a timely manner. The housing deposit payment requires the student's advance attention. Non-payment of this fee may impact whether or not a student is admitted and/or guaranteed residence in the halls.

After a student has been accepted by the University, the student reserves a room by paying the housing deposit. The payment should be made to the American University of Nigeria G TBank account. Students are encouraged to reserve a room quickly, as spaces are allocated on a first come, first serve basis. Please note that students who do not reserve a room in advance of the deadline are not guaranteed a dormitory space on campus.

Refunds
Please see the refund schedule below for students who withdraw (or are withdrawn) from courses:

**Fall & Spring Semester**
From early registration from the previous semester to the

<table>
<thead>
<tr>
<th>Last day of registration</th>
<th>100%</th>
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<tbody>
<tr>
<td>First week of classes</td>
<td>75%</td>
</tr>
<tr>
<td>Second week of classes</td>
<td>50%</td>
</tr>
<tr>
<td>Third week of classes</td>
<td>25%</td>
</tr>
<tr>
<td>Fourth week of classes</td>
<td>0%</td>
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</tbody>
</table>
Summer
From early registration from the previous semester to the
last day of registration 100%
Day 1 to Day 3 of the first week of classes 75%
Day 4 to Day 6 of the first/second week of classes 50%
Day 7 to Day 9 of the second week of classes 25%
From day 10 upwards 0%

Administrative Withdrawals
First quarter of the semester 100%
Second quarter of the semester 75%
Third quarter of the semester 50%
Fourth quarter of the semester 25%

Note: There are no refunds for other charges aside from tuition.

Account Responsibility
The University is the guardian of the deposits made to a student's account. It is our duty to protect any credit
balance on this account, but unlike banks, we handle the accounts as an academic institution. If there is a
credit balance on an account, the student may use that credit balance for the purchase of additional text
books in the AUN Bookstore. A student may not remove cash from the account even with the permission of
the parent/guardian, but the student may use that credit balance for any other purchases on campus. Much
like a savings account, the credit balance in the student's account at the end of a semester is there to cover
tuition and fees for the following semester.

The University has a duty to maintain the credit balance, which is available for students to view throughout
their study at AUN. This credit will be used to cover new tuition and fee charges posted to the students’
accounts. At the end of the year, if the original depositor would like to have the funds remaining in the
account returned, the University will need to have the original (hard copy) of the request letter in addition to
the original depositor's signature (and two signatures on the reverse side just as would happen at the bank),
the deposit/transfer instructions, and a completed AUN Clearance Form (available from the Bursar). Upon
completion and verification of all the requirements, the remaining funds will then be returned to the original
depositor. If the balance is not requested within one year of a student's intended graduation date, the money
is forfeited to the University in its entirety.
STUDENT AFFAIRS AND STUDENT LIFE

The American University of Nigeria is a diverse Nigerian and international learning community dedicated to the continued growth and development of students both inside and outside of the classroom. AUN is committed to preparing students to be educated and enlightened citizens through exposure to and engagement in learning activities and experiences that are designed intentionally to prepare them for challenges in a global society. Through involvement in residential living, student activities, leadership development experiences, athletics, student governance, and many other extra-curricular programs and activities, students will find many opportunities to enhance their overall development and prepare them to make significant contributions both in Nigeria and in the world.

Office of the Dean of Students
The Office of the Dean of Students is responsible for providing students with impartial, independent and confidential support regarding University policies and procedures. The Dean of Students office provides assistance to students who are considering withdrawal from the University, students who must miss class for an extended period of time, or to students who are challenged with family or personal crises. The office assists students in the resolution of problems, provides information and referral about campus resources, and promotes initiatives that address students' needs and interests. In addition, the office provides educational and co-curricular activities and experiences that encourage students to have a positive college experience.

Student Activities and Involvement
The Office of Student Activities and Involvement is designed to provide a series of programs and activities to support the leadership development and organizational development of students. The office provides a wide range of educational, social, and cultural events, both staff and student initiated, to expand the opportunities for learning outside of the classroom. Additionally, the office provides support and direction to student clubs and organizations, the Student Government Association, the Campus Activities Board, Honor Societies, and religious affiliated groups.

Career Services
AUN provides information and assistance to students related to choosing a major and planning a career, internship/summer employment, job search tools, and career trend information. The Career Services Center serves as a resource to students who are also looking for graduate school opportunities. The Center sponsors a series of career and graduate fairs to connect students and alumni with companies and graduate schools that are looking to recruit. Additionally, the Center provides a series of workshops and learning activities to prepare students for interviews, résumé preparation, and application preparation. A wide array of career resources are available including books, printed materials, handouts, databases, career software, web-based information, and graduate school materials.

Residence Life
The Office of Residence Life is responsible for the management of all residential facilities on the campus of AUN. Their goal is to provide a living and learning environment in the halls that is conducive to the overall development of students. They are responsible for the selection, training and supervision of the residence hall staff and they develop all residence hall policies and procedures and oversee maintenance and housekeeping in the halls. The residence hall staff is also responsible for providing educational programs and activities in the halls to enhance the overall learning of resident students. The residence hall staff oversees and manages the residential judicial process and handles minor judicial cases with the advice and direction of the Director of Judicial Affairs. Residential judicial offenses should be brought to the immediate attention of the residence hall staff.
Housing Assignments and Card Services
The Office of Housing Assignments and Card Services is responsible for assigning all students into University housing, providing each student with an official ID card during matriculation at AUN, as well as retrieving and/or deactivating same during dismissals, suspensions, loss or as situations may warrant. The office also provides students who are on meal plan with appropriate access to the cafeteria while also controlling the daily meal access based on meal plan type. Students are advised to seek advice before selecting a meal plan. Additionally, the office is responsible for conducting the housing selection process for currently enrolled students in choosing a residential space each semester.

Study Abroad
AUN sponsors semester abroad programs and short term international experiences for students who have an interest in international study. Students can experience life in a different culture and gain a comprehensive understanding of the historical, artistic, political, and social traditions of a completely different environment while pursuing an approved course of study towards their degree requirements. The programs are open to all students in good academic standing and are subject to the appropriate travel approvals and departmental course approvals. The office provides pre-departure workshops and cross-cultural training for all students who intend to study abroad. For additional information, go to the section on Academic Resources and Consolidated Student Support Services for AUN Students.

Health and Wellness
The AUN clinic is situated on the main campus. Each student upon registering for the first time at the University must provide evidence of a recent physical examination. This documentation is necessary for students to receive treatment in the AUN clinic. Cases not treatable at the campus clinic are referred to either the Federal Medical Center (FMC) in Yola or Peace Hospital in Jimeta. AUN has a nurse available on a 24 hour basis at the campus clinic. Additionally, AUN employs a Director of Health and Wellness that oversees the clinic and develops and implements educational programs and services that focus on health issues for students, staff and faculty at the University.

Community Service Learning
At AUN, we believe that the overall development of students should include a focus on experiences that connect them to their respective communities. To that end, AUN employs a Director of Community Outreach and Service Learning who is responsible for the development and implementation of programs and activities that create opportunities for students to prepare for a lifelong commitment to community service and civic engagement through a series of organized community service learning experiences. Students can participate in a wide range of community service opportunities in the greater Yola and Jimeta areas. Trips are planned weekly and transportation is provided for students who wish to engage in community service activities. Residence hall councils are also involved in developing community service projects for residents who have an interest in community service.

Campus Safety and Security
AUN is a safe and secure campus and takes seriously the general welfare of all of its students, faculty and staff. AUN employs and trains its own security staff and provides 24 hours a day of coverage for the entire campus community to include main campus, north campus, and University controlled off-campus facilities. All University residence halls have 24 hour security coverage and there is a guarded security gate at all entrances to the campus and all University properties. The University does not provide security for students while they are off-campus or who live in off-campus facilities.
Religious Life
AUN is committed to freedom of religious expression and respect for diverse religious traditions. Opportunities are available to participate in worship services and transportation is provided to local churches and mosques.

Orientation and First Year Experience
The University provides a comprehensive Orientation Program for all new students and parents to provide an overview of all University programs and services and to assist with the transition to college life. The First Year Experience program is designed to provide continuous support and direction to new students throughout their first year at the University. Students participate in a series of workshops, seminars, and activities that focus on academic success and making greater connections to the University community. For more details, see First Year Experience - (AUN 101).

Judicial Affairs
The Office of Judicial Affairs is responsible for the facilitation of the Student Code of Conduct. It is the intent of the AUN judicial process to foster high standards of behavior while promoting a safe environment that respects the rights of all students. In addition, the Judicial Affairs staff strives to inform the University community of activities and programs, which provide resources and information for those students who are new or challenged in their environment. The Director of Judicial Affairs is responsible for providing oversight to the judicial affairs process.

Athletics
AUN provides a wide range of opportunities for students to participate in competitive and recreational sporting events. AUN has highly rated teams representing males and females in intercollegiate and recreational sports that include soccer, basketball, volleyball, tennis, swimming, chess, scrabble, badminton, polo, and track and field. Athletics offers a wide array of instructional programs that include aquatics, fitness and tennis. A fully equipped fitness center is available for students to use on a daily basis as well as a gymnasium for competitive and recreational sports activities and events. The University also offers a number of student athletic clubs and organizations.

Student Code of Conduct
The central commitment of the American University of Nigeria is to develop thoughtful and responsible human beings with the highest moral and ethical standards, within the context of a very diverse yet collaborative academic environment. This commitment is founded on the following core values of the University:

- Tolerance and understanding among national, ethnic, and religious groups;
- Freedom of Expression; and
- Non-discrimination in the admission and employment processes with regard to gender, age, religion, nationality, ethnicity, physical ability, political affiliation, or personal relationships.

Excellence and integrity are the core principles that guide us.

This Student Code of Conduct is designed to benefit and assist the AUN community in forming the highest standards of ethics and morals among its members. It is designed to foster the University’s commitment to excellence and equity, while affirming the shared values that make community life possible. Students with alleged violations of the Student Conduct Code should contact the Office of the Dean of Students to receive further information on disciplinary procedures (See Appendix A for the full text of the Student Code of Conduct).
ACADEMIC SUCCESS

Role of Students
Students at AUN are active learners. They search for knowledge, conduct research, evaluate information, learn from their educational experiences, express their observations and conclusions effectively and persuasively, use technologies as tools for learning and expression, and develop an ability to engage in entrepreneurship and business in service to the development of their community and country. They help their fellow students, contribute to class discussions, work collaboratively on projects, learn from challenges and criticisms, work to improve their skills and knowledge, and together create a university learning community, and a university devoted to development. They are committed to the highest standards of integrity.

Role of Academic Advisors
When students enroll at AUN, they are assigned an academic advisor who works with them throughout the duration of their study at the University. The primary purpose of academic advising is to provide effective guidance and support so that students can maximize the educational opportunities and make solid decisions about their future, both inside and outside the classroom. The student and advisor work closely together to identify the best course of study for the student based on interests and skills.

Students are encouraged to explore all disciplines of study, a practice that is supported by AUN's liberal arts curriculum. Although students will choose a particular course of study, they are strongly encouraged to enroll in courses outside their area of study to enhance their understanding and expand their worldview. Students can choose their major at any point during the first two years of study. After identifying a major, the student will have additional advising support from a designated faculty advisor within their program of study.

At AUN, we believe that academic advising is directly related to the success of our students. The advising staff is responsible for assisting students in shaping their academic experience and developing goals and objectives to ultimately achieve their aspirations in life. Advisors provide guidance to students as they design a program of study, select appropriate courses, and complete the registration process. The advising staff works with students through the orientation process and throughout their education to ensure that students have a successful transition into the University. This office also provides support and direction for students experiencing academic difficulty during their studies.

Role of Chairs as Advisors
The Chair of each academic program guides and directs students in terms of advising major subject requirements, major electives, etc., ensuring the student meets all necessary requirements for graduation.

Role of the Faculty
The faculty members at AUN have received their advanced degrees from the world's finest universities and have substantial experience as University professors. Their role at AUN is to shape the education programs so that they are on the cutting edge of higher education internationally, respond to the goals and objectives of an AUN education, and meet the highest standards of excellence. Their role is also to present an instructional program that is rigorous and calls for students to understand, evaluate, and apply knowledge. They challenge students to be creative and critical thinkers, and to learn from doing, thinking and communicating so that they will be life-long learners. Thus, faculty at AUN will challenge students to think and to form their own opinions and substantiate them with careful reasoning and documentation. AUN Faculty members are committed to generating new knowledge that can be applied to solve the problems of our community, country and globe.
All faculty members are available to meet with students concerning their course work or interests in future research/study. Faculty members hold weekly office hours to address student questions or concerns. Students may make an appointment by speaking with the faculty member before or after class, sending an e-mail, or visiting the faculty member during the posted hours.

Course Syllabus
Each instructor distributes a course syllabus at the first meeting of each class. The syllabus outlines the course content and learning outcomes, indicates major topics and assignments, explains the grading system for the course and provides information on required books and readings, as well as supplementary texts and sources of information. It is the student's responsibility to complete all assignments and come to class prepared, having completed any readings or other assignment as required during semester dates.

Class Attendance
Students are expected to attend all classes, without exception. Classes at AUN are small in order to encourage interaction and discussion with the instructor and other students and to make activity-based learning possible. Thus, it is essential that students be punctual and attend all classes. The instructors include the attendance policy and other expectations on the course syllabus.

A student who is enrolled/registered for a course and fails to adhere to attendance policy outlined by the instructor is subject to receiving a failing grade in the course for non-attendance, a decision made by the faculty member teaching the course.

Cumulative Assessment
The assessment of student progress is cumulative. The weight of the course does not depend solely on the final examination; rather, it is spread across multiple opportunities for the student to demonstrate mastery of the material. Assessment may include quizzes, mid-term exams, out-of-class and in-class written work, participation in class discussions, presentations, contributions to group projects and activities, research papers, journals and other methods of assessing student performance. Each course syllabus clearly states the methods of assessment and their relative weight in calculating the final course grade.

Most degree programs at AUN require students to complete a seminar course or capstone project. Projects completed in a capstone seminar serve as a testimony to the learning, innovation, use of technology and spirit of inquiry fostered by the institution.

Textbooks and Required Materials
Students are expected to purchase textbooks and supplies that are required in their courses. Students are encouraged to use E-books (a digital textbook source) to access some textbooks while others can be purchased from the campus bookstore. Additionally, one copy of most texts is on reserve in the library.

Writing Across The Curriculum
AUN is committed to the principle that writing is a key component in a liberal education. Writing, a means of communicating information, thoughts and opinions, is an important tool in the creation of new ideas. Writing facilitates discovery and exploration of new knowledge and demands clear and critical thinking...all hallmarks of an educated person. The writing process allows students to refine rough ideas into clear expressions and hone various skills that students can later apply to other tasks and situations, i.e. techniques of invention and discovery, creation of organization patterns, constructively critiquing, and receiving criticism graciously. Employers recognize written communication skill as one of the most significant attributes when making decisions regarding employment and further leadership opportunities. Therefore every faculty member, regardless of discipline, endeavors to provide opportunities and support to students as they develop
as writers and thinkers in each course. Every AUN course will have at least one significant writing assignment.

**Technology Across The Curriculum**

New information technologies are changing the way we live and learn. AUN expects students to make full use of computers and related technology in all their courses and independent studies. The University is committed to ensuring that all graduates possess a high level of competence in information technology (IT). Our commitment to IT is underscored by the policy of requiring successful completion by all students of an IT course—CIE 111 – Introduction to Computers and Computing--besides others that they may take as free or major electives. Students should expect to use computers in every class in order to complete assignments, write papers, conduct class activities, conduct research, access data electronically, produce presentations for class, and solve problems.

**ACADEMIC RESOURCES AND CONSOLIDATED SUPPORT SERVICES FOR AUN STUDENTS**

**Student-Centered Approach**

The University is committed not only to challenging students and providing them with demanding and rigorous courses, but also with providing the support systems to ensure that students have every opportunity to succeed. AUN maintains a low student-faculty ratio, so that every student has opportunities to interact directly with faculty. At AUN, students receive individual attention not only from faculty, but from staff and administration as well. The intention at AUN is that every student who is admitted and puts forth the effort required will succeed. The University will provide the tools, resources, and support to make that success possible.

**Library**

The AUN Library, now known as Digital Services, was established with the mission of supporting and advancing the research and resources needs of the AUN community by facilitating access to scholarly information resources. The award winning e-library is located on the main Campus in the Robert A. Pastor Library and E-learning Center. Digital Services offers facilities for students to conduct research, study, and work in small groups. It has a seating capacity of over one thousand, a modern Lecture Hall which comfortably seats 250 people, 18 lecture rooms, two conference rooms, and 19 study rooms. The library also provides desktops PC’s for the general use of the patrons.

The Library has three floors. Prominent on the first floor are the Information Desk/Library Reception, the 24/7 reading-study section, the Atiku Center for Leadership-Entrepreneurship-Development, Academic Advising, and the Tutoring, Learning, and Writing Centers.

The Library’s Information Literacy unit provides instructional services that promote more vigorous information literacy training through classes and workshops.

The Reference and Information Services Units enhance access to appropriate information resources. They also provide formal instruction and assistance in using information resources for optimum performance by patrons. Other services include helping students with their research: accessing databases, selecting topics and citing sources.

The Research and Cataloguing Unit is responsible for processing Library resources and developing the AUN repository where intellectual productions of faculty, staff, students and other scholars are stored. Students
Senior Design Projects are also catalogued and placed in the Repository for easy access. This Unit, whose goal is to provide easy access to Digital resources, promotes the use of Open Access and Open Educational resources among faculty members, staff, and students of the University community.

AUN Digital Services has access to over 30 online databases with excellent access to information resources globally, including a huge collection of e-books and journals. The print collections, currently containing approximately 26,000 volumes, grow each year. The library also has print periodicals of over 200 titles and an expanding audio-visual collection.

The online public access catalog containing all of the AUN Library's holdings can be accessed at http://library.aun.edu.ng

Computers and Information & Communications Technology (ICT)
Students are encouraged to use computers in all academic work in order to gain proficiency in hardware application-use and Internet research. In support of ICT training, the university requires that all students enroll in a tutorial course that enables them to make the most effective use of the university's ICT resources. A required technology and computing course builds the students' knowledge of computational and telecommunication technologies and associated thinking skills for problem solving across the disciplines, assessing ICT advances, and refining the ability to use technology to obtain a university level education.

The campus is equipped with high-speed wired and wireless service. From any location on campus students can access the university network, their e-mail accounts, or the different Internet services. The university provides support for students who encounter problems or need help with their ICT equipment. The university's ICT infrastructure and satellite/radio and fiber teleport are among the best in sub-Saharan Africa.

Classroom and Laboratory Technology
Classrooms are equipped with instructional technology including overhead projection systems, smart boards, and data displays. Class discussions and presentations are supported by visual and audio aids, which students are expected to use in their class presentations. Computer laboratories and facilities are available to support student learning.

The main campus contains an Arts and Sciences building, which houses twelve state-of-the-art laboratories in biology, chemistry, physical sciences, and zoology, as well as lecture theaters, classrooms, seminar rooms, and faculty offices. In addition, the main campus houses computer laboratories that support instruction in ICT and are available for student use.

Consolidated Support Services for AUN Students
The purpose of the Consolidated Support Services is to provide guidance and support to AUN students throughout their program of study at AUN. Connected to the School of Arts and Science, Consolidated Services provides a bouquet of support to help AUN students achieve their academic goals and be the best they can be. It offers various resources that strengthen academic skills and performance, including Honor Society tutorials and Natural and Environmental Sciences Tutoring, Writing Center support, Academic Advising, First Year Experience seminars, Study Abroad exchange, academic skill development, study skill enhancement workshops, and more.

Honor Society Tutoring
Members of the AUN Honor Society are available to tutor undergraduate students in a wide range of courses offered by the University. These tutors assist fellow students by helping with class work, as well as homework assignments. Students may be matched up one-on-one with tutors who fit their academic needs or may
participate in group workshops. These tutoring opportunities support many of the disciplines and programs that are offered at the university. The Honor Society tutors are located in the Robert A. Pastor Library and E-Learning Center. It is important to note that Honor Society tutors do not do assignments for other students; rather they provide guidance and also help explain difficult concepts to students under the guidance of a faculty member who oversees the center.

Natural and Environmental Sciences Tutoring (NEST)
NEST aims at assisting the NES major students who may require extra academic support with such classes as biology, physics, chemistry, NES 101 and others. The NEST center is located in the Arts and Sciences building in the biology lab supported by students, lab assistant and a faculty advisor.

The Writing Center
The purpose of the Writing Center is to help nurture and develop students’ writing skills. The Center helps students develop their draft essays, term papers or senior research projects into grammatically correct and competent copy. Located in the new Robert A. Pastor Library and E-Learning Center, the Center offers students one-to-one assistance in proofreading their materials for grammatical consistency and accuracy. It is important to emphasize that the Writing Center does not write essays or term papers for students; rather, tutors point out grammatical inconsistencies, citation problems, and other related matters so that students can independently correct and improve on their papers before submitting them to their instructors. The Writing Centre is a key element in what we do at AUN and will play a critical role in supporting students to nurture and fully develop their literacy skills.

AUN Literacy Program
As a ‘development university’, the first in Africa, AUN has a particular duty and responsibility towards its students. In raising the standard of English, AUN will be fulfilling its promise to AUN students and parents - the promise of an education equivalent to that possible in the US. In order to achieve this, students will be required to take the International English Language Testing System (IELTS) exam or any other recommended international English language test upon entry to the university. This is the Placement Examination that every incoming student of AUN will have to take. Students who perform below required bands or standards will take an English remedial course, E+ - a six-hour course per week. The E+ focuses on listening, reading, writing, note taking, and comprehension. Only when the student receives a passing grade can he/she now begin a university level writing course. However the student can take some other first year courses such as AUN 101, etc.

At the end of the first year, all students will undertake a common English language examination before they can move on to 200 level courses. Students will further sit an English language exit test before graduation. Exit tests may be taken in the third (or junior) year. Students will have to pass the IELTS test or its equivalent at Band 6 or its equivalent to graduate from AUN. Students are able to take the IELTS or TOEFL tests on their own and submit the results for consideration – both at entry to AUN and before graduation. Transfer students will have to demonstrate acceptable competence in English language before they are allowed to transfer to AUN. The AUN Writing Center will provide English language workshops to prepare students for the exams. Students are advised to seek help and support from the Center.

The Book Club, the Advising Department, Writing Across the Curriculum (WAC) and the Writing Center all form part in helping the student reach his/her best potential, ensuring that AUN students graduate with the ability to write and read at an acceptable university level. All students will be required to read and write in all of their University courses.

Academic Advising & Retention (AAR)
Academic advising is a unique resource for undergraduate and postgraduate students, aimed at ensuring each individual’s academic path has both direction and purpose. AAR provides support for students throughout
their academic programs, guiding them in making sound choices that reflect their educational and professional goals.

The services offered to AUN students include the following:

- Academic planning advice
- Assistance with course selection
- Assistance of transferring credits
- New Student Orientation/Registration
- First Year Experience – orientation and workshop
- Degree Planning support
- Assistance with transitioning into AUN
- Special course offerings announcements
- School, Major, Minors, Concentration exploration
- Support for Rising Potential Students (CGPA<2.0)
- Referral to various learning resources (counselor, Honor Society tutoring, Writing Center and so on)
- Recognition of students for Dean’s List, President’s List, Scholarly Leadership, Most Improved Student
- International students in transition orientation and support

Role of Academic Advisors

When students enroll at AUN, they are assigned an academic advisor who works with them throughout the duration of their study at the University. The primary purpose of academic advising is to provide effective guidance and support so that students can maximize the educational opportunities and make solid decisions about their future, both inside and outside the classroom. The student and advisor work closely together to identify the best course of study for the student based on interests and skills.

Students are encouraged to explore all disciplines of study, a practice that is supported by AUN's liberal arts curriculum. Although a student will choose a particular course of study, s/he is strongly encouraged to enroll in courses outside their area of study to enhance their understanding and expand their worldview.

At AUN, we believe that academic advising is directly related to the success of our students. The advising staff is responsible for assisting students in shaping their academic experience and developing goals and objectives to ultimately achieve their aspirations in life. Advisors provide guidance to students as they design a program of study, select appropriate courses, and complete their registration process. The advising staff works with students through the orientation process and throughout their education to ensure that students have a successful transition into the University. They also provide support and direction for students experiencing academic difficulties during their studies.

Academic Advisors can help students succeed by:

- exploring programs
- addressing concerns about students’ studies and directing them to the appropriate learning resource
- clarifying students’ academic goals
- selecting courses that relate to students’ goals and interests
- identifying skill-building opportunities
- devising a study plan if the student is struggling
- exploring academic options when faced with personal/family emergency
determining where to go for additional information

**Role of Program Advisors**
The Program Advisors are designated Chairs of the various departments. Their priority is to ensure that Junior and Senior standing students are on the path to timely graduation. Program Advisors guide students’ decisions in completing their major course requirements and guiding their choices of major electives. Program Advisors will also guide students on their choices of majors, minors, and concentrations. All Juniors are strongly encouraged to see their Chairs before their Senior year to seek counsel regarding their senior year course options.

**Study Abroad**
With the advice and consent of the Study Abroad Office, students are welcome to apply to study at accredited Universities in various parts of the world. Credits earned from studying overseas are transferred back to AUN, to ensure that participating students are able to graduate on schedule. The Office of Study Abroad guides and advises students on every step of the application process and provides pre-departure sessions and opportunities for sharing experiences upon return.

AUN has partnerships with various organizations and Universities worldwide on programs that will foster global understanding and study abroad opportunities. The following are some study abroad opportunities under such partnerships:

**Global Liberal Arts Alliance (GLAA)**
AUN is a member of the Global Liberal Arts Alliance (GLAA) – an alliance of 29 liberal arts universities in 17 countries. Under the auspices of the GLAA, AUN has two popular study abroad opportunities for students:

a) **The Global Scholar Program (GSP)**
The GSP prepares students for leadership and personal effectiveness in an increasingly interconnected world through the individually designed study of a topic of global focus. This usually involves an in-depth investigation of a significant issue that transcends national borders. Under this program, students will spend two semesters abroad in any two universities that make up the Alliance. (Students can obtain the list of Universities from the Study Abroad office).

This program is intended for highly motivated students seeking experience and active responsibility beyond their AUN experience. Students are expected to take the lead in identifying a topic of global focus which can be fulfilled by including study and out-of-class learning at institutions in two other countries either in Europe, Asia or North America (examples: feminism and social justice in a Middle East location contrasted with similar in China; global health education styles in Africa compared with the Midwest US or Europe; or journalism as a force for political action in an Asian, North American, and European context). In collaboration with a home campus faculty advisor, students explore the types of courses that might be taken at home institution and at the other two institutions in support of study of the topic of global focus. Students work with their academic faculty advisor to develop a sequence of study appropriate for the proposed global focus topic, whether as a component of a major or a set of broader educational goals.

On completion, students become part of a Community of Scholars. Students who have participated in this program from various colleges and universities will convene periodically (either virtually or in person) for focused thematic discussion with mentoring and support provided by the associated network of faculty advisors. To participate, students should obtain an Expression of Interest form from the Study Abroad desk in the President’s Office or email: studyabroad@aun.edu.ng. Students should normally be in their sophomore year to participate, but it is important for incoming students to consider this opportunity early.
b) Minor in Globalization Studies
The Globalization Studies program focuses on developing a multidisciplinary understanding of the history, characteristics, impact and implications of globalization. Examples of such effects might include (but are not limited to) the effects of the movement of capital and people, transnational social trends, the social or political outcomes resulting from global production networks and value chains, the geopolitics of demand and supply of oil and other key commodities, environmental concerns driven by global climate change, or social justice issues related to regional conflicts and resultant refugee migration patterns. The program is designed to develop in undergraduates an understanding of the relationship between local and global issues, insight into human differences and similarities, the ability to go beyond an ethnocentric view of others, and to foster global citizenship.

Under this program, students will spend two semesters in any two Alliance universities. They will also choose specified courses that meet program learning outcomes. Globalization Studies involves both course-based and experiential learning in a transnational context. On successful completion, Students earn a Minor in Globalization Studies in addition to their Majors. Interested students should obtain an Expression of Interest form from the Study Abroad Office or email: studyabroad@aun.edu.ng.

Association of American International Colleges & Universities (AAICU).
AUN is a member of the AAICU, a consortium of 25 colleges across 19 countries. AUN holds the seat of Vice-President of the AAICU. The AAICU runs a Direct Educational Exchange Program where member universities can sign a Memorandum of Understanding, valid for two years, which allows them to exchange students.

AUN has signed an MoU with Richmond, The American International University in London. Richmond offers two full scholarships to qualified AUN students in exchange for a research study visit at AUN. To take advantage of the various study abroad opportunities available, students are encouraged to contact the Study Abroad office or email: studyabroad@aun.edu.ng.

Medical Study at St. George’s University
AUN has a Memorandum of Understanding with St. George’s University Grenada for studies leading to MD and DVM degrees. Under the MOU, qualifying graduates of AUN’s pre-approved pre-medicine/pre-veterinary programs will proceed to complete the MD or DVM degrees at St. George’s University. For the MD degree, the first 2 years of medical study is at St. George's School of Medicine, Grenada, and the final 2 years of clinical rotations at affiliated hospitals in the United States and/or UK; for the DVM, the first 3 years of veterinary study is in Grenada, and their final clinical year at affiliated veterinary school in the United States, UK, Canada, Australia, or Ireland.

In addition to all the above, AUN has an expanding portfolio of partnerships with various other universities including Tulane University and American University Washington DC, Kansas State University, among others.
ACADEMIC REGULATIONS

Declaration/Change of Major
Students are strongly encouraged to consult with Academic Advising prior to making changes to their academic record. A Declaration of Major and Change Major forms are available in the Office of the Registrar. Students may also declare Minors through the Office of the Registrar.

Enrollment/Course Registration
Enrolled students receive registration information/instructions via their AUN e-mail accounts each semester. Students who fail to register for courses during Registration or Late Registration (the first week of classes) will not be eligible to take courses during that semester. New students enroll in courses during Orientation (an event held prior to the first day of the classes in the fall and spring semesters). All students are mandated to meet with Academic Advising prior to registration.

Note: Course prerequisites and/or Class Restrictions are strictly enforced.

Admission to Classes
Students will not be admitted to classes unless they have registered and their name appears on the official class roster.

Auditing Courses
A student may audit a course with the permission of the instructor. Final approval from Academic Advising and the Dean must also be gained. Audit tuition/fees apply and registration is completed through the Office of the Registrar. Auditing is on a non-participating basis unless other arrangements are made between the instructor and the student. The audited course will not count towards degree requirements and a final grade of ‘AU’ will be assigned to the transcript.

Independent Study
Students may independently pursue areas of study beyond regularly scheduled courses. Each School offers this opportunity through designated independent study courses. An independent study project is a course in which a student does research on a topic agreed upon by the student and instructor. Independent Study is not suitable for group instruction, paid work or activities outside the competence and/or concern of one of AUN’s existing departments.

Students must have completed/earned at least 60 credit hours and be in good standing with a CGPA of 2.0 or higher. All Independent Study credits must be taken for a letter grade (A-F) and a credit value (1-6) assigned. Only one independent study is allowed per semester and no more than six (6) credits of independent study credit can be taken when completing undergraduate coursework, of which up to three (3) credits can be used to satisfy major requirements (if in line with degree requirements and approved by the appropriate Department Chair and Dean).

Independent Study forms are available in the Office of the Registrar and must be submitted during the normal Registration period of the semester the study will take place. The course number 492 is associated with all program independent studies.

Internship for Academic Credit
An internship is an opportunity for students to combine academic study with substantial work experience. Academic departments may have additional requirements; however, generally the baseline requirements for enrollment in an internship are successful completion of a minimum of 60 credit hours of coursework and a CGPA of 2.0 or higher.
For every internship credit earned, a minimum of 60 hours of training and work is required (i.e. a total of 180 hours of internship experience equates to three (3) credit hours). Academic requirements for internship credit are above and beyond these working hours. The number of credits earned per internship can range from one (1) to six (6) credits determined by the hours of work at the internship. Students can only register for six (6) credits of internship credit during their undergraduate degree, of which no more than three (3) credits can be used to satisfy major requirements (if in line with degree requirements and approved by the appropriate Department Chair and Dean).

All Internship credits must be taken for a letter grade (A-F) and must be a minimum of 6 weeks in duration. The internship must be completed prior to the beginning of the subsequent semester.

Internship forms are available at the Office of the Registrar and must be submitted during the normal Registration period of the semester the internship will take place. In order to register, students must have satisfied all prerequisites, secured the internship position and identified a faculty member who is willing to oversee their course of study within the appropriate department. The supervising faculty member must establish the academic requirements (i.e. learning outcomes, research paper requirements and timelines, etc.). Additional requirements may vary by department. The course number 493 is associated with all program internships.

**Course Add/Drop**

Students enrolled in courses have the duration of the Add/Drop period to change course selections. The Add/Drop period will run for two weeks, 10 business days, after the Fall and Spring semesters begin. For the Summer Session, the Add/Drop period will run for 3-4 business days. No changes to registration can be made after the end of Add/Drop. Faculty reserves the rights to deny admittance to a course if that course has met more than twice.

**Late Course Registration**

A period of Late Registration occurs at the beginning of each semester. Students who unavoidably arrive late to campus and/or are physically unable to participate during the regular registration period may register during the first week of classes, on a space-available basis. After five complete days of classes (refer to the Academic Calendar for the Summer session), students will no longer be able to register for courses and must wait until the following semester. A late registration fee of 30,000 Naira may be applied when students miss the regular registration period and seek to enroll during Late Registration - the first week of classes.

**Course Withdrawal Period**

After the end of Add/Drop, students are able to withdraw from courses if they choose not to continue or if they are unable to continue (i.e. due to personal issues or if they are forced to leave AUN due to suspension or dismissal). If a student withdraws from a course they will be held financially liable for the course based on the withdrawal tuition refund schedule. There will be no refund of housing or meal plans for students who withdraw from courses.

If a student withdraws from a course during Week 2 through Week 6 of the Fall and Spring semesters (refer to the Academic Calendar for the Summer session) a final grade of 'W' will be input on the student’s academic record. After the sixth week of class the student will earn a 'WP' (Withdrawal Pass) or 'WF' (Withdrawal Fail) based on their academic performance in the course, as determined by the faculty member teaching the course. Withdrawals are not accepted after the last day of classes. A 'WP' is not accepted during the last two weeks of the Fall and Spring semesters or the last week of the Summer session.

In order to withdraw from courses, students must notify Academic Advising and their professor of their intent to withdraw from the course by completing a Course Withdrawal Form.
Note: the student’s discontinuing attendance in class and/or notifying an instructor of a status change does not constitute an official action.

Academic Course Load
Bachelor's degrees awarded at AUN require the successful completion of at least 123 credit hours. An undergraduate student admitted to and enrolled in a degree program earns an average of 15 credits per semester.

The maximum load for a student in the Fall and Spring semesters is 18 credit hours and 6-7 credits hours in the Summer session. In some cases, students may be restricted to fewer credit hours based on prior academic performance. In order to be considered for an Overload (more than the maximum course load), students must have at least a 3.25 CGPA, and receive approval from Academic Advising and their Dean.

Undergraduate Student Status
Credit hours completed  Student Status

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Student Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-29</td>
<td>Freshman/First Year</td>
</tr>
<tr>
<td>30-59</td>
<td>Sophomore/Second Year</td>
</tr>
<tr>
<td>60-89</td>
<td>Junior/Third Year</td>
</tr>
<tr>
<td>90-123</td>
<td>Senior/Fourth Year</td>
</tr>
</tbody>
</table>

Students who do not make sufficient academic progress are subject to suspension or dismissal from the University (See 'Academic Performance Policy').

Examinations
The semester does not officially end until the last examinations are completed. Final examinations must be taken as scheduled by the Office of the Registrar.

Grades
Grades (midterm and final) are assigned based upon the student's performance in courses. Students are required to check their official grades and academic standing via the University Self-Service Portal, after release by the Office of the Registrar.

Grading System
At the end of each semester, faculty assign letter grades based upon the student's performance in courses. The grades listed below are calculated in the grade point average. Grades assigned at AUN equate the following performance levels:

Grades

<table>
<thead>
<tr>
<th>Grade</th>
<th>Performance Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>(95-100%)</td>
</tr>
<tr>
<td>A-</td>
<td>(90-94%)</td>
</tr>
<tr>
<td>B+</td>
<td>(87-89%)</td>
</tr>
<tr>
<td>B</td>
<td>(84-86%)</td>
</tr>
<tr>
<td>B-</td>
<td>(80-83%)</td>
</tr>
<tr>
<td>C+</td>
<td>(75-79%)</td>
</tr>
<tr>
<td>C</td>
<td>(70-74%)</td>
</tr>
<tr>
<td>D</td>
<td>(60-69%)</td>
</tr>
<tr>
<td>F</td>
<td>(0-59%)</td>
</tr>
</tbody>
</table>
A- to A  Truly outstanding work that demonstrates an excellent command of the subject.

B- to B+  Work that represents a good command of the subject and is beyond usual expectations for the course.

C to C+  Work that represents a command of the subject and meets expectations. C is the minimum pass level for all Major and Minor courses (including concentrations). C is also the minimum pass level for WRI 101 and WRI 102.

D  Work considered at a minimal passing level, but demonstrates significant gaps in knowledge and falls short of expectations.

F  Work that demonstrates substantial shortcomings in knowledge and/or is insufficient in quality to warrant awarding credit for the course.

F*  Judicial Sanction

WF  (Withdrawal Fail) At the time of withdrawal, the student had failing grade. A student must obtain a Course Withdrawal Form. If the approval is granted, the transcript will indicate that the student withdrew with a failing grade (WF). Withdrawals are not accepted after the last day of classes for each semester.

Grading Scale (4.0):

The following are the grading scales used in AUN’s 4-point grading system

<table>
<thead>
<tr>
<th>Grade</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
</tr>
<tr>
<td>WF</td>
<td>0.0</td>
</tr>
</tbody>
</table>

The grade point average (GPA) is determined by dividing the total grade points by the total number of course credits for which the student has been enrolled.

The GPA includes only those courses taken for conventional grades (A-F) and WF. Final grades that will not be calculated into the student GPA are as follows:

AU  Audit - Students may audit courses with the approval of the Chair, advisor and Dean. Permission from the instructor must also be gained. Audit tuition/fees apply and registration is completed through the Office of the Registrar. Auditing is on a non-participating basis unless other arrangements are made between the instructor and student.

AW  Administrative Withdrawal - Course and/or semester withdrawal for documented Medical or Judicial (i.e. Suspension, University Dismissal) reasons.

IP  In Progress - Current course work, final grade pending/to be assigned.

I  Incomplete - given to a student who, due to extenuating circumstances (i.e. confirmed illness, death of family member), is unable to complete the course requirements. The student has six weeks into the subsequent semester (includes the Summer session) to complete the course work. If the work is not completed within the six weeks and a final grade (A-F) is not submitted to the Office of the
Registrar by the instructor, the incomplete grade is dropped and the grade of 'F' is automatically assigned.

TR  Transfer - Approved transfer credit. Transfer credits accepted from other institutions are included in the total number of credits applicable to degree requirements, but grades earned in these courses are not used when computing the GPA (see the ‘Transfer of Credit’ section for more information).

W  Withdrawal - students may withdraw from a course without GPA penalty, during Weeks 2 through 6, of the Fall and Spring semesters. A student must obtain a Course Withdrawal Form. If approved, a final grade of ‘W’ will be assigned to the transcript.

WP  Withdrawal Pass - students may withdraw from a course without GPA penalty, after Week 6, but before the last two weeks, of the Fall and Spring semesters. A student must obtain a Course Withdrawal Form. If the approval is granted, the transcript will indicate that the student withdrew with a passing grade (WP).

Any grade below C is not accepted for major or minor credit. Any grade below D does not satisfy general education requirements. Students will be required to retake any course if the grade earned does not satisfy the requirement. Students are required to take courses for a letter grade (A-F) in order to earn credit towards degree requirements.

Regarding Pass and Fail (P/F) grades, a grade of P indicates a quality of performance no less than C (2.00) on the grading scale outlined above. Performance below this level is reported as 'F'. If the course is remedial, grades of 'P' and 'F' are not included in the credit hours required for graduation and the student's GPA is not affected positively or negatively. However, if the course is taken for credit the grade of 'F' will negatively impact the student's GPA.

Change of Final Grade
Once reported, a final grade cannot be changed except to remove a grade of ‘I’ (Incomplete) or to correct a grade recorded in error. To remove a final grade recorded incorrectly, the faculty member must complete a Change of Grade form indicating that an error was made; the request must include supporting documentation. The form requires the signature/approval of the Dean.

Student Academic Grievance Policy
If a student feels that he/she has been assigned an inaccurate grade due to a clerical error or miscalculation of grade average, the student should first approach the course instructor with a request to review the grade computation. If the instructor detects an error, he/she can submit a Change of Grade form to the Office of the Registrar. The student must make the request with his/her instructor within the first 30 calendar days of the semester or term immediately following the receipt of the grade being questioned.

If the student has a concern after the instructor has reviewed the grade calculation, the student may appeal further to the academic Dean of the school that offers the course. The appeal to the Dean must be initiated within 10 calendar days of the instructor's notification to the student of the determination.

The Dean will review the case and reach a determination in consultation with the student and the instructor. After this process is completed, the only grounds for appeal would be that the appeal process was not conducted as described above. That appeal should be directed to the Director of Academic Advising who will forward it the Academic Review Committee for review. The student must make this appeal within 10 calendar days of notification by the Dean of the determination. An appeal to the Academic Review Committee must be made via e-mail with supporting documentation attached.
Repetition of Courses
AUN students have the option to repeat courses to try to improve their academic performance. If the student successfully repeats the exact course, this grade, whether it is a higher grade or not, replaces the original grade in the calculation of the student's GPA. The original grade remains on the transcript, as well as the new grade, but only the most recent grade is used in grade point calculations. The student earns the credit hours for the course only once upon passing the course. To repeat a course, the student signs up for it at registration just as he/she would for a class that had not previously been taken. The repeated course counts in the student's load for the semester in which it is taken.
If a course is repeated, each attempt, including the final grade, is entered separately on the permanent academic record. Unless specifically indicated otherwise, only one successful attempt of a course is counted toward fulfillment of graduation credit requirements.

Incomplete Grades
The grade of Incomplete may be given to a student who, due to extenuating circumstances (i.e. documented and confirmed illness, death of family member), is unable to complete the course requirements. An 'I' may be given only if the student is receiving a passing grade at the time the request is made. Arrangements for an incomplete must be made prior to the end of the course and the incomplete form must be filled out by the faculty member in its entirety and submitted to the Office of the Registrar prior to the last day of classes for the semester. The incomplete form requires a full explanation of the remaining coursework and the submission deadlines.

If a student receives an 'I', s/he has six weeks into the subsequent semester (includes the Summer session) to complete the course work. If the work is not completed within the six weeks and a final grade is not submitted to the Office of the Registrar by the instructor, the incomplete grade is dropped and the grade of 'F' is automatically assigned.

No grade of 'I' will be recognized by the Office of the Registrar without proper documentation. A 'W' (withdrawal) may not be given to remove a grade of 'I'. An 'I' may not stand as a permanent grade.

Double Majors
Students can declare more than one major if they have a minimum 2.50 cumulative GPA and if at least 18 credits are unique to each major. Individual academic unit or teaching units may require a higher GPA and have other requirements that exceed the regulations.

If the majors are offered by more than one academic unit within the University, then students will designate at the time of declaration of the majors the single academic unit in which they will be registered and from which they will be graduated. Students will need to satisfy the general academic unit requirements of that single academic unit. When majors lead to different degrees (e.g., B.A. and B.S.), students will specify which degree they wish to be awarded. Electives may be used to satisfy double major requirements.

Double Counting
Students should be allowed a free choice of common core courses within the structure and credit requirements of the common core program. The major or minor program should not restrict students’ choice of common core courses by requiring them to take a specific common core course in satisfying the common core requirement.
Students should be allowed a free choice of common core courses to be double-counted up to a maximum of 6 credits. For instance, if a common core course is also a graduation requirement of other programs, they may decide whether or not that course is to be double-counted.

There may be occasional movement of courses on the common core course list. For the purpose of defining the set of common core courses that students may use for double-counting, common core courses taken by students prior to their removal from the course list can still be used to satisfy the common core requirement.

Schools and Departments are asked to note that whether or not the course is a requirement of a major or minor program is not a consideration in the approval process of common core courses. Decisions on common core course proposals are made with regard to the general criteria for common core courses and the relevance to the learning outcomes of the common core program. Therefore, it should not be assumed that certain courses required in a major or minor program will ‘automatically’ be included on the common core course list.

**Academic Forgiveness**
Students are permitted to repeat a course to improve their grade, provided the course is not designated repeatable (read course designated repeatable). The repeated course must have the equivalent number and title as the initial course. Students must pay tuition and fees for the repeated course. The grade achieved in the repeated course (whether higher, lower, or the same) is included in the computation of the grade point average and is considered in the completion rate and maximum time frame calculations. The original course title and original grade remain on the student’s academic record. The original grade is not calculated in the grade point average but is included in completion rate and maximum time frame calculations. The student’s academic record will always reflect the academic transaction and satisfactory Academic Progress compliance status that is true for each semester of enrollment.

**Valedictorian**
Valedictorians are students selected to address the graduating class at one of the university’s commencement ceremonies. A unique valedictorian is selected for each ceremony. Students are selected for this honor based on sustained academic excellence and other outstanding accomplishments that contribute to life at AUN, and the community.

**Leave of Absence**
Undergraduate students who must interrupt their studies for any reason must submit a request for leave of absence prior to their departure from campus to the Dean of Student Affairs. Submitting a 'Leave of Absence' form (with the required signatures) ensures that students will be able to return to AUN without reapplying for readmission. Students are able to take a leave for one or two regular semesters of leave before resuming their studies. If a student is unable to return after two consecutive semesters of leave, including the Summer Session, the student will be removed from enrollment at AUN and will be required to reapply to resume studies.

The leave becomes void if the student attends any domestic or foreign collegiate institutions during the period of leave without prior written approval from the Registrar. In such instances, students must complete a 'Permit to Study' form prior to study abroad in order to transfer credits to AUN (See the ‘Permit to Study' section for more information).

**Medical Withdrawal Policy**
When a student discontinues attending courses due to medical reasons, in certain cases, it may be possible for that student to receive a pro-rated refund of tuition. If a student is hospitalized due to an emergency (which
renders him/her unable to withdraw from courses) the Registrar can process an approved retroactive Medical Withdrawal based on the last date that the student attended class.

In order to receive this pro-rated refund of tuition, the student must submit a Course Withdrawal form to the Office of the Registrar with evidence of his/her hospitalization (to be verified by the AUN Director of Health and Wellness). The form will indicate the student’s last date of attendance by each instructor. If the petition is approved and provided that the retroactive withdrawal falls within the tuition cancellation period (based on the administrative withdrawal chart – see the Tuition and Fees section), the student's account will be credited with their tuition refund (housing and meal plans are not refundable). All medical withdrawal petitions will be reviewed by Academic Advising, the Registrar, AUN Clinic and the Dean of Students. If approved, a final grade of AW will be assigned to the transcript.

**Withdrawing from AUN**

Notice of withdrawal from the University must be given in writing. Forms for the purpose are available in the Office of the Registrar. All re-admission policies will apply once the Withdrawal form is processed.

**Readmission to AUN**

A student whose studies at the University are interrupted for any reason for a period of two or more semesters (excluding the Summer session) or a student who Withdrawed from the University is required to submit a formal application for readmission, with a reapplication fee to the Office of the Registrar (registrar@aun.edu.ng). All prior balances must be cleared for a readmission application to be considered.

The application and supporting documentation for readmission must be received at least one month before classes resume in the semester that the student wishes to attend. The only exception to the readmission policy is when written authorization is given for a leave of absence or to study at another collegiate institution. This authorization must be obtained prior to the interruption of study.

A student who is readmitted is subject to the academic requirements and regulations in effect at the time of readmission.
ACADEMIC PERFORMANCE AND STANDING

Academic Integrity Code

The central commitment of AUN is to develop thoughtful and responsible human beings with the highest moral and ethical standards, within the context of a very diverse yet collaborative academic environment. This commitment is founded on the following core values of the University:

- Tolerance and understanding among national, ethnic, and religious groups;
- Freedom of Expression; and
- Non-discrimination in the admission and employment processes with regard to gender, age, religion, nationality, ethnicity, physical ability, political affiliation, or personal relationships.

Excellence and integrity are the core principles that guide us.

This Academic Integrity Code is designed to benefit and assist the AUN community in forming the highest standards of ethics and morals among its members. It is designed to foster the University's commitment to excellence and equality, while affirming the shared values that make community life possible. Students with alleged violations of the Academic Integrity Code should contact the Office of the Dean of their respective program to receive further information on disciplinary procedures (See Appendix B for the full text of The Academic Integrity Code).

Academic Performance Policy

An undergraduate student who fails to maintain the academic average required by the University and/or fails to make satisfactory academic progress towards completion of degree requirements is subject to academic warning, probation, restriction, suspension and/or dismissal.

All students of AUN are required to meet baseline academic standards in order to continue with their studies. The minimum satisfactory standard of achievement is a cumulative grade point average (CGPA) of 2.0.

Regulations regarding academic warning, probation, restriction, suspension, and dismissal are designed to provide close supervision of the academic progress of AUN students. At the end of each semester, student records will be reviewed and sanctions will be imposed. A change in a student's academic status can occur following any term when the student's cumulative or term GPA falls below a 2.0. Students under academic sanction are subject to restrictions with respect to academic and extracurricular activities, as determined by the Director of Academic Advising in consultation with the Dean of their school and the Academic Vice President.

Each student will receive a catalog pertaining to their admission date. This catalog guides students’ progress through to graduation. If a student chooses to change their catalog year, students need to fill out a Change of Catalog form that can be collected from the Registrar.

Each student's transcript will be evaluated at the end of the Fall, Spring and Summer semesters. Students liable for academic sanction will receive written notification via their AUN e-mail address and the notice will stipulate the terms of the sanction. Parents/Guardians of students who have signed the release form will also be notified of the actions imposed on their student.

The following are academic standings/designations that can be imposed:

Academic Warning

Academic Warning is a cautionary action taken to alert students that their CGPA is nearing the baseline academic standard permitted at the University. Students with a CGPA between 2.0-2.25 or students with a
term GPA lower than 2.0 will receive a written warning via AUN email encouraging them to seek tutoring or additional academic support. The standing Academic Warning will appear on the transcript for that semester.

Academic Probation
Academic Probation is assigned when a student does not achieve a cumulative GPA of 2.0 (i.e. 1.99 or below). Students placed on Probation who fail to raise their cumulative GPA above 2.0 in the next semester they are enrolled in are at risk of academic restriction. The standing Academic Probation will appear on the transcript for that semester.

Academic Restriction
Academic Restriction is designed to reduce the credit load of students in academic peril. When a student's CGPA and term GPA is lower than 2.0 after having been on Academic Probation the previous semester, the student's course registration can be limited to no more than twelve (12) credits in the Fall and Spring semesters and no more than four (4) credits in the Summer sessions to ensure that the student has ample time and energy to devote to courses that s/he is enrolled in. The standing Academic Restriction will appear on the transcript for that semester.

Academic restriction(s) may be imposed in other deserving cases, as recommended by the relevant Dean or the Academic Vice President/Provost.

Academic Suspension
Academic Suspension is a sanction imposed when a student, previously on academic restriction, earns a CGPA below 2.0 in the subsequent semester. Academic Suspension students may be barred from enrolling in any credit bearing courses at the University for a specified period as set forth in a suspension notice or the student’s subsequent course registration may be limited to a certain number of credits if approved.

Academic Suspension students wishing to register must request to have their academic record reviewed by the Director of Academic Advising for determination of their eligibility to re-enroll. Suspension students may be subject to Performance Evaluations. The standing Academic Suspension will appear on the transcript for that semester.

Academic Suspension may be imposed in other deserving cases, as recommended by the relevant Dean or the Academic Vice President/Provost.

Academic Dismissal
At any point, the Academic Vice President/Provost and/or Dean of Students reserves the right to dismiss a student from classes and/or the University for non-disciplinary reasons if such action is deemed in the best interest of the student and/or the University. A student who is dismissed may petition for readmission after a full calendar year from the date of dismissal. The standing Academic Dismissal will appear on the transcript for that semester.

Academic Dismissal may be imposed when a student, previously on academic suspension, earns a CGPA below 2.0 in the subsequent semester.

This policy does not preclude authorized exceptions. All such exceptions shall require the approval of the Provost in consultation with the relevant Dean(s).
Appeal of Academic Suspension or Dismissal

A student may appeal a suspension or dismissal due to poor academic performance. There are only two grounds for appeal:

1) Miscalculation of the GPA or CGPA
2) Extenuating circumstances

In the case of miscalculation of the GPA or CGPA, the student must be able to demonstrate that the grade average was incorrectly calculated and should be sufficiently higher as to remove the student from the circumstances that led to the suspension or dismissal. In the case of extenuating circumstances, the student must be able to demonstrate that he/she encountered unusual circumstances during the previous semester that caused a poor academic performance and he/she is sufficiently capable academically to clearly perform at an academic level in the subsequent semester to meet the requirements for satisfactory academic performance.

The process for appeal of suspension or dismissal requires that the student submit a formal letter of appeal to the Director of Academic Advising requesting a review by the Academic Review Committee stating clearly the reasons for the appeal. Any supporting information should be attached. Notification of the verdict will be sent to the student via e-mail when the Academic Review Committee renders a final decision, within 10-15 business days of the receipt of the appeal. Submission of an appeal does not guarantee a favorable review. All records of appeal will be forwarded to the Office of the Registrar to be included in the student's record.
HONORS PROGRAM

American University of Nigeria recognizes that academic excellence is of critical importance for each student. Thus, AUN is committed to ensuring that each course and program offered is academically challenging and meets the highest international standards of excellence and performance. The University also recognizes that some students seek additional challenges, opportunities, and distinctions as they develop their talents and knowledge. Thus, the University offers an Honors Program that enables highly motivated students to earn honors credits in their courses and academic degree programs. For truly exceptional students, a “University Honors” program is available.

Course Honors

The student applies for course honors by indicating on the Course Honors Application Form his/her desire to pursue honors in the course and describes in detail what would be carried out to earn honors. This form is to be submitted no later than the last class meeting of the third week of the semester. This form is available from the student’s advisor or course instructor. The course instructor will review the application and determine the additional requirements and assignments that the student will need to complete by the end of the course. The instructor, with the approval of the appropriate Dean, will inform the student by the end of the fourth week of the semester whether the honor’s contract has been approved or rejected. Both the student and the course instructor will sign a contract stipulating the additional required work, which normally is equivalent to 20% of the regular course requirements. In order to be eligible to receive course honors, the student will be required to complete the additional assignments and the entire course with a grade of “B” or higher. Honors students are expected to attend designated honors lectures and cultural events that are scheduled during the semester.

Academic Program Honors

Students may apply for Academic Program Honors no earlier than the first semester of their junior year by completing the Academic Program Honors Form available from the Registrar. This form indicates the student's intention to pursue Academic Program Honors. To be eligible, the student must have a CGPA of 3.0 or higher. In order to achieve Academic Program Honors, the student, by the time of graduation, must have successfully completed any additional requirements as determined by the program, with the approval of the appropriate Dean and the Academic Vice President; maintained a cumulative grade point average of 3.0 or higher in all courses taken at the University, and maintained a GPA of 3.5 in all coursework taken in the major field of study.

ACADEMIC RECOGNITION

Deans’ List and President’s List

All students who achieve a term GPA of 3.5 to 3.799 will earn the Deans’ List recognition. The President's List recognition will be given to students who achieve a term GPA of 3.8 or higher in all courses taken that semester.

Students that have contributed to expanding and sharing scholarly work by presenting at conferences, publishing articles and participating in exceptional activities, such as the Model UN, are acknowledged in the Scholarly Leadership award.

Students that have achieved a CGPA of 2.0 – 2.69 are eligible to be recognized as the ‘Most Improved’ and are awarded a certificate.

The university seeks opportunities to recognize exceptional contributions to academic, scholarly and extracurricular activities.
Honor Society
AUN sponsors the Honor Society for students who maintain exceptionally strong academic performance. Students are eligible for membership in the Honor Society beginning in their sophomore year. Applicants must have completed/earned 30 credit hours or more and have a minimum CGPA of 3.5. To maintain membership, the student must earn CGPA of 3.5 or higher. Honor Society members are eligible to participate in special activities and may have the distinction of being called upon to represent the University in leadership roles and as mentors to other students.

TRANSFER OF CREDIT

Transfer of Credit
Students should seek Academic Advising approval for transfer of credit prior to taking any course at another institution to ensure the course(s) is/are comparable and will be acceptable for transfer. AUN reserves the right to deny credit for any courses taken at other institutions for any reason.

Students who have successfully completed University level coursework at other accredited institutions may submit official transcripts to the Office of the Registrar (with their application to Admissions if prior to matriculation). The official transcript must be sent directly from the other institution to AUN. The transcript will be evaluated and authenticated. The student will be notified of acceptable transfer credits and course equivalents via AUN e-mail. Only those courses that are comparable to AUN courses in content and rigor may be approved for transfer. Courses taken more than 10 years prior to acceptance will require additional review.

Grades earned in courses accepted for transfer credit, including study abroad courses, will not be included in the CGPA. However, the credits earned will be counted towards the total number required for graduation and only courses where students earn a final grade of 'C' or higher will be considered for transfer to AUN. A maximum of 60 credit hours from all institutions of higher learning may be accepted and used to satisfy major and general education requirements, or serve as free electives. For transferred courses the final grade of ‘TR’ will appear on the transcript.

Students transferring credits from a university on a quarter system, may receive 2/3 of an AUN credit hour for each quarter hour earned. For example, four quarter hours from a transfer institution equals 2.67 credit hours at AUN. AUN may allow a maximum of 12 credits to transfer that are recorded on a pass/fail basis.

AUN students who study abroad in an AUN approved abroad program are eligible to transfer credits from their coursework abroad. Please see the 'Permit to Study' section for more information.

Permit to Study (Study Abroad)
An enrolled student who plans to take courses at another college or University (either domestically or internationally) to transfer credit to AUN must be in good academic standing and have a solid record of good conduct. Permits to Study may not be authorized for courses at non-accredited four-year institutions, and all AUN Transfer of Credit policies apply.

Prior to study at another institution, students must receive approval from their Dean, their Department Chair, Academic Advising and the Registrar using the 'Permit to Study' form. With proper approvals in place, transfer of credit can be applied to both major and general education requirements when appropriate.
Students intending to study outside the country must be in close communication with the Coordinator of Study Abroad Program regarding application requirements and arrangements with the host University.

Upon return to AUN, students must submit an official transcript to the Office of the Registrar. The official transcript must be sent directly from the other institution to AUN. The transcript will be evaluated and authenticated. The student will be notified of accepted transfer credits and course equivalents via AUN e-mail. Only those courses that were previously approved on the Permit to Study form will transfer. For details of Study Abroad see the section on Academic and Consolidated Services for AUN Students.

DEGREE CONFERRAL/GRADUATION

Graduation Requirements
Students at AUN are required to complete a minimum of 123 credit hours with a cumulative grade point average of at least 2.0 on a 4.0 scale. Candidates must successfully complete the General Education requirements of the University, in addition to requirements that are specific to the student's degree program, in order to be eligible for degree conferral. Candidates must have paid all tuition, fees, fines, and charges. Additionally, to participate in the Commencement ceremony, students must have a 2.0 CGPA.

Application for Graduation
Candidates for degree conferral are required to submit an Application for Graduation to the Office of the Registrar within the deadlines stated on the academic calendar. Application forms are available in the Office of the Registrar and/or will be sent to eligible students via AUN e-mail.

Only after an application has been received will processing commence for the academic degree audit. Candidates will be notified by the Office of the Registrar if additional information is needed and/or discrepancies are found via AUN e-mail. Students who fail to satisfy all degree requirements must reapply for graduation in a future semester (adhering to all guidelines stated above).

Students who have satisfied all but two courses (no more than 7 credits) are eligible to participate/walk in the commencement ceremony. All outstanding coursework must be completed before the end of the fall semester of the year that the student participates in the commencement ceremony.

All students will undertake an Exit Test before graduation. Exit tests can be taken in the third or junior year. If students pass, they will not be required to take test again in their final year. Students must pass the exit exam (at IELTS Band 6) to graduate.

Degree/Graduation Honors
University Honors, cum laude, magna cum laude and summa cum laude are awarded upon degree conferral for students whose CGPA is 3.5-3.699 (University Honors), a CGPA of 3.7-3.799 (cum laude), a CGPA of 3.8-3.899 (magna cum laude) and a CGPA of 3.9 or higher (summa cum laude). These graduation honors are printed in the graduation program, on the diploma and on the student’s transcript. Graduation sashes and honors will only be noted during the Commencement ceremony and in the Commencement booklet if all requirements have been completed.

National Youth Service Corps
All recent AUN graduates (with no outstanding balance) will have their names submitted to the NYSC office for mobilization in the next available Batch, per NYSC calendar/guidelines only. All recent graduates must check their AUN e-mails to receive information from the Office of the Registrar regarding NYSC instructions/dates.
ACADEMIC RECORDS

The Office of the Registrar provides these services: creating, maintaining and transmitting academic records; scheduling classrooms; course registration; evaluating transfer credit; auditing degree progress and completion; verifying enrollment/degree completion; coordinating NYSC Batch submissions, and issuing academic transcripts and diplomas.

Student Records

A file is maintained for each student who registers at American University of Nigeria. After an applicant is matriculated, his/her record is maintained by the Office of the Registrar. Additional files may be kept by the Academic Advising Office and/or a student's individual School/Department, however, the primary source of academic information will be housed in the Office of the Registrar. The purpose of the official student record is to document the student's academic career/history.

Students have the following rights regarding their education records: The rights
1) to have access to their education records,
2) to consent to release their records to a third party and
3) to seek amendment of information on the record, if the student demonstrates an inaccuracy.

In order to view their academic records, students must submit a Student Record Request form to the Office of the Registrar. After submitting the form, students will be invited to the Office of the Registrar via AUN e-mail within 10-15 business days to view their file. All files and the information in the files must remain in the Office of the Registrar during viewing.

Any alteration or misuse of official student records and/or an attempt to alter or misuse them, will result in immediate dismissal of any student or employee involved. The University reserves the right to initiate legal proceedings as it sees fit in instances of misuse, alteration and/or fraud. Upon graduation, or if a student leaves the University, his or her files are sealed and archived at AUN.

Confidentiality of Student Records

A student's personal information will only be shared with any other person within the University and/or with an external person or agency with the express consent of the student via a signed Consent form (available in the Office of the Registrar). Confidential information will be shared on a 'need to know' basis. The following are exceptions in which prior consent from the student is not required to release confidential information:

- Unless the student expressly requests restriction of its release, Directory information can be shared without prior consent. This includes the student's name, address, telephone number, major, dates of attendance and degrees/awards received.
- In case of imminent and serious threat to the safety or health of the student and/or others.
- Where disclosure of the information is legally mandated.
- To prevent a criminal act.
- Where the information is disclosed to University officials who have a legitimate educational interest in the records.
- Where the information is disclosed to third parties in accordance with national and/or University regulations governing the release of such information.

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Transcripts
Students may obtain transcripts of their academic history from the Office of the Registrar. A request for transcript must be initiated by the student only; requests received by individuals other than the student will not be honored. After submitting a processing fee of N3,000 and verification of payment receipt by the Bursar, students can request their transcript in writing (e-mail to registrar@aun.edu.ng). Once the request has been made and payment has been received, students must allow 5-10 business days for processing.

The University will not issue a transcript that reflects only a part of the student’s record, nor will it make copies of transcripts on file from other colleges and universities.

A notation will be made on all AUN transcripts confirming that English is the official medium of communication and instruction for all courses taught at AUN.

Verification of Enrollment/Degree
On request, the Office of the Registrar can provide a letter verifying enrollment/degree completion at the University. When applying for scholarships and/or submitting employment applications, this verification certifies that the student is/was enrolled. A request for enrollment verification must be student initiated and made via e-mail to registrar@aun.edu.ng and it will take 5-10 business days to process.

A notation will be made on all verification confirming that English is the official medium of communication and instruction for all courses taught at AUN.
GENERAL EDUCATION PROGRAM

The General Education Program is designed to provide course work and experience consistent with the mission and vision of the University and relevant to the needs of Nigeria, the region, and the world. All students must complete the General Education Program requirements to be eligible for graduation. The General Education Program is a rigorous sequence of University level courses that provides a broad foundation in multiple disciplines and opportunities for students to integrate their knowledge and develop their critical thinking skills. The program covers the basic areas of human knowledge and understanding, as well as essential skills.

The General Education program requirements comprise of 52 credit hours in core disciplines drawn from the School of Arts and Sciences, the School of Business and Entrepreneurship, and the School of Information Technology and Computing. Courses completed in meeting the General Education Program core requirements may be applied toward meeting the requirements for the student's major degree program, depending on the requirements of that major. Students should consult with Academic Advising for guidance on course selection within the General Education Program.

General Education Requirements:

**First Year Experience (FYE) (3 credits)**
AUN 101 First Year Experience

**Community Service (3 credit hours)**
Choose any Community Development - CDV course (Sophomores)

**Information Technology (3 credit hours)**
CIE 111 Introduction to Computers and Computing (3)

**Business and Entrepreneurship (3 credit hours)**
ENT 101 Entrepreneurship and Development (3)

**Natural and Physical Sciences (4 credit hours)**
Choose any 4 credit course from BIO, CHE, GEO, NES, PHY (4)

**Arts and Humanities (9 credit hours)**
Choose any course from ARH, ART, ENG, MUS, PHI, FRE or FUL, ARA (3)
GEN 103 (PHI 200) History and Philosophy of Science (3)
PHI 300 Ethics and Leadership (3)

**Social and Behavioral Science (3 credit hours)**
Choose any course from ANT, ECO, HIS, ICP, SOC, PSY (3)

**Civilizations and Cultures (6 credit hours)**
GEN 102 Nigerian Peoples and Culture (3)
CIV 101, CIV 102, CIV 112, CIV 201 or CIV 211 (3)

**Mathematics and Statistics (6 credit hours)**
MAT 110 University Algebra (3)
STA 101 Introduction to Research and Statistical Methods (3)
Communication (6 credit hours)
WRI 101 Freshmen Composition (3)
WRI 102 Freshmen Composition 2 (3)

Free Electives (6 credit hours)
In addition to fulfilling the course requirements in the General Education Program as listed above, students must complete 6 credit hours of free electives. Free electives are those courses that are not required for the completion of the student's major degree program or for the general education courses listed above. The student selects free electives as a way to explore areas of knowledge that are of interest outside the requirements of his/her program.
SCHOOL OF ARTS AND SCIENCES (SAS)

The School of Arts and Sciences offers the following degree programs:

- Bachelor of Science in Communications and Multimedia Design
- Bachelor of Arts in Economics
- Bachelor of Arts in English Literature and Language
- Bachelor of Arts in International and Comparative Politics
- Bachelor of Science in Natural and Environmental Sciences
- Bachelor of Science in Petroleum Chemistry

Each of these programs is designed to reflect high standards in curriculum and instruction; to prepare the graduates with the values, skills, and knowledge to be successful in their future careers. Additionally, the degrees are structured to provide flexibility for students to select elective courses, areas of concentration and/or a minor.

Bachelor of Arts (B.A.) and Bachelor of Science (B.Sc.) degree programs within the School require the successful completion of course work in the major field of study in addition to satisfying general education requirements. Students are encouraged to work closely with their Chair in designing their programs of study and to consider completing a minor in a subject that will complement their career objectives.

Minors offered through the School of Arts and Sciences include:

- Advertising
- Economics
- English Language and Literature
- International and Comparative Politics
- Journalism
- Mathematics
- Multimedia Design
- Natural and Environmental Science
- Statistics
- Television/Film
- Writing
- Globalization Studies

Bachelor of Science (B.Sc.) in Communications and Multimedia Design (CMD)

Global or local political and socio-cultural change in modern societies cannot be understood without first understanding media and communications. Communication technologies and the various organizations that have evolved around them have fundamentally changed the way we lead our lives and the patterns of culture, economics and politics in modern societies. The complexity and dynamic nature of modern communication requires a cutting edge curriculum that is interdisciplinary, technologically driven, modern, and practical. In pursuit of the development mission of the American University of Nigeria, students of Communications & Multimedia Design learn about media not only as agents and agencies of information, education and entertainment, but also as agents and agencies of development, peace building and change. Our mission is to produce graduates who are agents of change – skilled in using modern multimedia forms to tell stories that can change their societies. Most of the courses are very practical and are deliberately designed to answer ‘how to’ questions.

To accomplish this, the CMD program employs a flexible approach that allows students to become a Communication and Multimedia generalist or to specialize in any of the professional concentrations,
including Public Relations & Advertising (PRAD), Journalism, Multimedia Design, and Radio/TV/Film. Each concentration offers a balanced mixture of basic and advanced laboratory and lecture courses. Laboratory courses sharpen students' skills, while lecture courses enable students to view the profession from a variety of perspectives. Students also have the option to double-concentrate.

Classes are taught in state-of-the-art computer labs and classrooms. The department has two well-equipped media labs as well as an emerging TV/Radio production and broadcast facility. The networked labs are equipped with the latest software and served by in-house servers and databases. Separate Mac labs designed for advertising, graphics, photo-journalism, and multimedia are equipped with appropriate film and flatbed scanners, CD/DVD drives and burners, DV decks, and printers. The Professor Idorenyin Akpan Digital and Multimedia Laboratory and production facilities are housed in the new Robert A. Pastor Library and E-Learning Center.

Upon completion of all degree requirements, students will receive a Bachelor of Science in Communications and Multimedia Design, with a concentration in any of the following:

- Public Relations & Advertising (PRAD)
- Journalism
- Multimedia Design
- Radio/Television/Film.

To be allowed to declare a concentration, students must be in good academic standing and must have completed 60 credits (at least 30 of them in CMD courses).

Students in consultation with the program Chair may elect to declare a no-concentration option - in effect pursuing a general degree in communications and multimedia. Such an option (which involves two courses from each concentration in addition to Major requirements) prepares students for a comprehensive understanding of the various disciplines in the profession.

Career Direction
Communications and Multimedia graduates can embark upon rewarding and prosperous careers in fields such as journalism, government or corporate relations, advertising management, marketing communications, digital design, animation, broadcast media production, mediation, public affairs, public policy, media policy and regulation, speech writing, print, electronic or online reporting and/or editing, media planning and buying, sales promotions, public relations, etc. They can also be social media entrepreneurs.

Concentrations
The following is a description of the four areas of Concentration in CMD.

Public Relations & Advertising (PRAD)
The PRAD concentration focuses on principles and strategies of public relations and advertising, including the branding of products through tools of marketing communications. Courses ensure a broad understanding of consumer behavior, targeting audiences, deciding strategy, and creating goal-directed advertising and PR campaigns for business organizations, governments, communities, causes etc. Students are exposed to various elements in PR & Advertising ranging from public diplomacy to contemporary approaches to marketing communications. This concentration is a training ground for PR practitioners, ad account executives, media planners, media buyers, ad layout & design specialists, ad copy writers, brand managers, interactive media advertising specialists, marketing communications researchers, etc.
Journalism
The journalism concentration trains students to become Journalists who are sensitive to Africa’s development challenges. Through courses such as Peace Journalism, Online/Digital Journalism etc, students are trained to tell stories sensitively using modern platforms. Students learn to become creative and analytical writers. They also learn fair and accurate reporting using multiple sources. Most journalism graduates plan to seek jobs in newspapers (online and print), magazines (online and print), wire services, special interest publications. In short, the AUN journalism concentration is a training ground for careers as electronic and print reporters, editors, producers, copywriters, scriptwriters, news/project managers, copy editors, correspondents, columnists, or editorial writers. Graduates can also look forward to becoming social media entrepreneurs, drawing on the tools of new media to maintain a strong voice online.

Multimedia Design
The multimedia concentration provides students with the skills needed to succeed as professionals in photojournalism, graphic design, multiple media use and applications, digital audio and video production, media producing, animation, videography, multimedia design, web design. Skills are taught within the context of visual storytelling assignments and include a thorough discussion of communications ethics and standards.

Radio/Television/Film
The Radio/TV/film concentration is designed for students interested in joining the ranks of professional TV program producers and filmmakers. Students learn the rudiments of organizing and structuring audio and visual material in cinematic formats. Students are also exposed to scriptwriting, radio, television and film production, cinematography, film directing, third world cinema, documentary film, film criticism and blacks in film. Students learn to write, direct, edit, and exhibit short films on celluloid, and they develop critical thinking in order to analyze the powerful aesthetic, psychological, and socio-political influences of film, Radio and TV media.

Degree Requirements
The Bachelor of Science in Communications and Multimedia consists of a total of 128 credits with 66 credits from Major and Major elective (concentration) requirements. This entails 48 major requirements, 18 major electives chosen from a bouquet of courses within a chosen concentration. The requirements are outlined in the tables below:

<table>
<thead>
<tr>
<th>S/N</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CMD 110</td>
<td>Introduction to Communication Studies</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>CMD 120</td>
<td>Writing for the Mass Media</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>CMD 121</td>
<td>Principles of Multimedia Designs</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>CMD 211</td>
<td>Globalization, Development &amp; the Mass Media</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>CMD 212</td>
<td>Principles of Public Relations &amp; Advertising</td>
<td>3</td>
</tr>
<tr>
<td>6</td>
<td>CMD 213</td>
<td>Principles of Journalism</td>
<td>3</td>
</tr>
<tr>
<td>7</td>
<td>CMD 220</td>
<td>Intercultural Communications</td>
<td>3</td>
</tr>
<tr>
<td>8</td>
<td>CMD 223</td>
<td>Foundations of Broadcasting</td>
<td>3</td>
</tr>
<tr>
<td>9</td>
<td>CMD 310</td>
<td>Research in Communication</td>
<td>3</td>
</tr>
<tr>
<td>10</td>
<td>CMD 312</td>
<td>Theories of Communication</td>
<td>3</td>
</tr>
<tr>
<td>11</td>
<td>CMD 313</td>
<td>Media Law and Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>
**Students will not be allowed to register for an internship (CMD 493) until they have completed 90 credit hours (12 credits of which must be within the area of concentration).**

### Journalism Concentration (18 Credits) Students choose any 6 courses

<table>
<thead>
<tr>
<th>S/N</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>CMD 207</td>
<td>Peace Journalism</td>
<td>3</td>
</tr>
<tr>
<td>2.</td>
<td>CMD 221</td>
<td>Newswriting and Reporting</td>
<td>3</td>
</tr>
<tr>
<td>3.</td>
<td>CMD 224</td>
<td>Online /Digital Journalism</td>
<td>3</td>
</tr>
<tr>
<td>4.</td>
<td>CMD 329</td>
<td>Photojournalism</td>
<td>3</td>
</tr>
<tr>
<td>5.</td>
<td>CMD 425</td>
<td>Feature Writing</td>
<td>3</td>
</tr>
<tr>
<td>6.</td>
<td>CMD 324</td>
<td>Editorial and Critical Writing</td>
<td>3</td>
</tr>
<tr>
<td>7.</td>
<td>CMD 325</td>
<td>News Editing and Production</td>
<td>3</td>
</tr>
<tr>
<td>8.</td>
<td>CMD 417</td>
<td>Foreign Correspondence</td>
<td>3</td>
</tr>
<tr>
<td>9.</td>
<td>CMD 418</td>
<td>Specialized Reporting</td>
<td>3</td>
</tr>
</tbody>
</table>

### Public Relations & Advertising (PRAD) Concentration (18 Credits) Students choose any 6 courses

<table>
<thead>
<tr>
<th>S/n</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CMD 421</td>
<td>Media Relations</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>CMD 432</td>
<td>Community Relations</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>CMD 323</td>
<td>Advertising Creative Strategies</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>CMD 412</td>
<td>Public Diplomacy &amp; Strategic Media Interventions</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>CMD 414</td>
<td>Management of Advertising Agencies &amp; Public Relations Consultancies</td>
<td>3</td>
</tr>
<tr>
<td>6</td>
<td>CMD 416</td>
<td>Advertising/PR Campaigns</td>
<td>3</td>
</tr>
<tr>
<td>7</td>
<td>CMD 225</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>8</td>
<td>CMD 443</td>
<td>Economic &amp; Social Issues in PRAD</td>
<td>3</td>
</tr>
<tr>
<td>9</td>
<td>CMD 448</td>
<td>Integrated Marketing Communications</td>
<td>3</td>
</tr>
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</table>

### Radio/Television/Film Concentration (18 Credits) students choose any 6 courses

<table>
<thead>
<tr>
<th>S/n</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>CMD 445</td>
<td>Screenwriting</td>
<td>3</td>
</tr>
<tr>
<td>2.</td>
<td>CMD 444</td>
<td>Cinematography</td>
<td>3</td>
</tr>
<tr>
<td>3.</td>
<td>CMD 419</td>
<td>Web Broadcast Operations</td>
<td>3</td>
</tr>
<tr>
<td>4.</td>
<td>CMD 326</td>
<td>Radio, FILM &amp; TV Production</td>
<td>3</td>
</tr>
<tr>
<td>5.</td>
<td>CMD 319</td>
<td>Announcing &amp; Performance</td>
<td>3</td>
</tr>
<tr>
<td>6.</td>
<td>CMD 330</td>
<td>Film &amp; Video Editing</td>
<td>3</td>
</tr>
<tr>
<td>7.</td>
<td>CMD 115</td>
<td>Basic Photography &amp; Videography</td>
<td>3</td>
</tr>
<tr>
<td>8.</td>
<td>CMD 217</td>
<td>Broadcast Media Aesthetics</td>
<td>3</td>
</tr>
<tr>
<td>9.</td>
<td>CMD 435</td>
<td>TV/Film Directing</td>
<td>3</td>
</tr>
</tbody>
</table>
Multimedia Design (18 Credits) student choose any 6 courses

<table>
<thead>
<tr>
<th>S/n</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CMD 115</td>
<td>Basic Photography &amp; Videography</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>CMD 125</td>
<td>Introduction to Visual Culture</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>CMD 424</td>
<td>Multimedia Authoring</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>CMD 226</td>
<td>Design Studio</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>CMD 311</td>
<td>User Experience &amp; User Interface Design</td>
<td>3</td>
</tr>
<tr>
<td>6</td>
<td>CMD 322</td>
<td>Website &amp; Mobile App Design</td>
<td>3</td>
</tr>
<tr>
<td>7</td>
<td>CMD 215</td>
<td>Descriptive &amp; Illustrative Drawing</td>
<td>3</td>
</tr>
<tr>
<td>8</td>
<td>CMD 327</td>
<td>Digital Animation</td>
<td>3</td>
</tr>
<tr>
<td>9</td>
<td>CMD 328</td>
<td>Multimedia Graphics Designs</td>
<td>3</td>
</tr>
</tbody>
</table>

Communications & Multimedia Double Concentration

Students enrolled in the Communications and Multimedia Design program may pursue a second concentration; however, students must satisfy the requirements in both concentration areas. Minimum Total Graduating Units: 120

COMMUNICATION & MULTIMEDIA DESIGN SAMPLE

FOUR YEAR STUDY PLAN – JOURNALISM CONCENTRATION

(Students in other Concentrations should replace the six Journalism Concentration courses listed below with any six courses within their own Concentration)

<table>
<thead>
<tr>
<th>First Year (30 Credit Hours)</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>Fulfills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>GEN 102</td>
<td>Nigerian Peoples and Cultures</td>
<td>3</td>
<td></td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>MAT 110</td>
<td>University Algebra</td>
<td>3</td>
<td>Placement Test</td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>AUN 101</td>
<td>AUN Freshman Seminar Series</td>
<td>3</td>
<td></td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>WRI 101</td>
<td>Freshman Composition I</td>
<td>3</td>
<td>WRI 100/Placement Test</td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>ENT 101</td>
<td>Entrepreneurship and Development</td>
<td>3</td>
<td></td>
<td>GENED</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>GEN 103</td>
<td>History and Philosophy of Science</td>
<td>3</td>
<td></td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>STA 101</td>
<td>Introduction to Research and Statistical Methods</td>
<td>3</td>
<td>MAT 110</td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>CIE 111</td>
<td>Introduction to Computers and Computing</td>
<td>3</td>
<td></td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>WRI 102</td>
<td>Freshman Composition II</td>
<td>3</td>
<td>WRI 101</td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>CMD 110</td>
<td>Introduction to Communication Studies</td>
<td>3</td>
<td></td>
<td>MAJOR</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>15</td>
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</table>
### Second Year (31 Credit Hours)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>Fulfills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>CIV 201</td>
<td>Middle Eastern and Asian Civilization</td>
<td>3</td>
<td>Sophomore/Junior/Senior standing</td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>NES 101</td>
<td>Introduction to Environmental Sustainability</td>
<td>4</td>
<td>None</td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>CMD 121</td>
<td>Principles of Multimedia Design</td>
<td>3</td>
<td></td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>CDV 201</td>
<td>Community Service</td>
<td>3</td>
<td></td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>CMD 120</td>
<td>Writing for the Mass Media</td>
<td>3</td>
<td>WRI 101</td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>CMD 220</td>
<td>Intercultural Communications</td>
<td>3</td>
<td></td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>CMD 213</td>
<td>Principles of Journalism</td>
<td>3</td>
<td>CMD 110, CMD 120</td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>CMD 212</td>
<td>Principles of PR and Advertising</td>
<td>3</td>
<td>CMD 110</td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>CIV 101</td>
<td>African Civilization</td>
<td>3</td>
<td></td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>FRE 101</td>
<td>French</td>
<td>3</td>
<td>None</td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
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</tbody>
</table>

### Third Year (30 Credit Hours)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>Fulfills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>CMD 211</td>
<td>Globalization, Development &amp; the Mass Media</td>
<td>3</td>
<td></td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>CMD 312</td>
<td>Theories of Communication</td>
<td>3</td>
<td>CMD 110</td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>FREE ELECT</td>
<td></td>
<td>3</td>
<td></td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>PHI 300</td>
<td>Ethics &amp; Leadership</td>
<td>3</td>
<td>Junior/Senior Standing</td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>CMD 221</td>
<td>Newswriting and Reporting</td>
<td>3</td>
<td>CMD 120</td>
<td>CONCENTRATION (I)</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>FREE ELECT</td>
<td></td>
<td>3</td>
<td></td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>CMD 207</td>
<td>Peace Journalism</td>
<td>3</td>
<td>CMD 110</td>
<td>CONCENTRATION (II)</td>
</tr>
<tr>
<td></td>
<td>CMD 223</td>
<td>Foundations of Broadcasting</td>
<td>3</td>
<td>CMD 110</td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>CMD 224</td>
<td>Online/ Digital Journalism</td>
<td>3</td>
<td>CMD 120</td>
<td>CONCENTRATION (III)</td>
</tr>
<tr>
<td></td>
<td>CMD 313</td>
<td>Media Law &amp; Ethics</td>
<td>3</td>
<td>CMD 110</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Bachelor of Arts (B.A.) in Economics

Economists study how individuals, firms, and countries make difficult choices about how to use scarce resources to achieve their goals – be it individual welfare, firm profits, or national well-being. These choices are evaluated under a small set of powerful concepts: rationality, efficiency, equity, and stability. Economists model real-world situations and use deductive reasoning to arrive at the model’s implications, and test the conclusions of the model empirically using statistical and analytical techniques. The undergraduate curriculum in economics at AUN is designed to:

- provide a solid foundation in modern economic theory
- assist students in applying these theoretical perspectives to issues of economic efficiency, growth, globalization, equity and social justice, wealth and poverty, individual freedom, discrimination, cultural values, and the physical and biological environment
- illuminate the interaction of the subject with related fields such as political science and finance, among others.
- encourage critical and independent thought about economic policies and programs in an ever changing world order
- develop the capacity to do quantitative analysis and research using statistical and mathematical techniques and
- provide the students with a deep understanding of the evolution of economic, political and financial systems over time.

An undergraduate major in economics opens many possibilities for employment. These options include employment in:

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<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>Fulfills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>CMD 310</td>
<td>Research in Communication</td>
<td>3</td>
<td>At least Sophomore Standing</td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>CMD 324</td>
<td>Editorial and Critical Writing</td>
<td>3</td>
<td>CMD 120</td>
<td>CONCENTRATION (IV)</td>
</tr>
<tr>
<td></td>
<td>CMD 315</td>
<td>Public Speaking &amp; Events Management</td>
<td>3</td>
<td>CMD 120</td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>CMD 417</td>
<td>Foreign Correspondence</td>
<td>3</td>
<td>CMD 213</td>
<td>CONCENTRATION (V)</td>
</tr>
<tr>
<td></td>
<td>CMD 325</td>
<td>News Editing and Production</td>
<td>3</td>
<td>CMD 110</td>
<td>CONCENTRATION (VI)</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total</strong></td>
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• financial institutions
• businesses and corporations
• local, state, and federal governments
• financial consulting firms
• non-profit and non-government organizations

In addition, there is potential for graduates to conduct post-graduate study and research. Students of economics are trained in economic theory and empirical techniques, as well as in the application of economics to such fields as business, political science, and law. Therefore, they are well suited to pursue graduate education in economics or other subjects, both locally and abroad. Future employment possibilities for students entering graduate school include teaching and research in colleges and universities, as well as senior positions in industry and government.

Degree Requirements
The Economics major is comprised of 48 credits hours (16 courses). All students pursuing the BA degree in Economics must complete the following ten (10) courses:

- ECO 210: Principles of Microeconomics (3)
- ECO 220: Principles of Macroeconomics (3)
- ECO 230: Introductory Mathematics for Economists (3)
- ECO 310: Intermediate Microeconomics (3)
- ECO 320: Intermediate Macroeconomics (3)
- ECO 330: Foundations of Econometrics (3)
- ECO 331: Econometrics I (3)
- ECO 490: Senior Research Project I (3)
- ECO 491: Senior Research Project II (3)
- WRI 321: Preparation of Written and Oral Reports (3)

And at least two (2) of the following courses:

- ECO 340: Development Economics (3)
- ECO 321: Money and Banking (3)
- ECO 350: International Trade (3)
- ECO 351: International Finance (3)
- ECO 430: Advanced Mathematics for Economists (3)

At least four (4) elective courses in Economics (ECO), 2 of which must be 300 level or above and 2 of which must be 400 level or above. Note that SEN 470 can be used as an elective course:

Students are encouraged to consult with their Chair to identify appropriate courses to satisfy this requirement.

In order to fulfill the prerequisites for the required courses, students majoring in Economics are also required to complete the following two courses:

- STA 101: Introduction to Research and Statistical Methods (3)
- MAT 210: Calculus I (3) (formerly MAT 121)
Advised Electives

Students majoring in Economics are advised, but not required, to complement their Economics training by completing at least two (2) courses from one of the following lists depending on their interests:

Business

ACC 201

Principles of Financial Accounting

ACC 202 Principles of Managerial Accounting
ENT 325 Social Entrepreneurship
SEN 470 Engineering Economics

Development

ENT 326 Microfinance and Economic Development
CDV 392 Advanced Applied Community Development
ICP 135 Introduction to International Development
ICP 302 Politics of Development and Underdevelopment

Finance

FIN 201 Fundamentals of Financial Management
FIN 320 Financial Institutions and Markets
FIN 330 Security Analysis

Government and Politics

ICP 101 Introduction to Comparative Politics (3)
ICP 131 Introduction to International Relations (3)
ICP 161 Introduction to Political Theory (3)

Students interested in post-graduate work in economics are strongly advised to take as many of the following as possible:

ECO 431 Econometrics II
ECO 430 Advanced Mathematics for Economists
MAT 211 Calculus II
MAT 310 Calculus III
MAT 312 Linear Algebra
MAT 412 Differential Equations
STA 301 Probability and Statistics
STA 303 Non-Parametric Statistics
STA 304 Quantitative Methods in the Social Sciences
# Bachelor of Arts in Economics
## Study Guide for Majors in Economics

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AUN Catalog 2016-2018
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### Bachelor of Arts (B.A.) in English Literature and Language

The Bachelor of Arts in English Literature and Language promotes language as a window through which students can view the world and understand human values. Students will develop a sound knowledge of language and culture and an ability to use the English language effectively which will prepare them for leadership positions in government and the private sector. Students who major in English Literature and Language will:

- master the characteristics and traditions of various genres of literature
- appreciate and understand the way in which literature has developed and how it reflects timeless aspects of the human condition, and yet is rooted in culture and history
- demonstrate an understanding and appreciation of language as a system of communication
- develop a basic understanding of the English language and its linguistic characteristics
- develop a sound knowledge of language and culture and their roles in society
- use language creatively and effectively to analyze and synthesize written material and
- develop an understanding and appreciation of the values and beliefs of cultures across the world.

The program is flexible, thus providing the optimum opportunity for the student to take courses as free electives from a variety of different disciplines and to shape the program of study to suit the student's...
objectives. The student should consult closely with his/her Chair in selecting courses and in considering a minor.

Graduates from the program will have a variety of possible career paths. Sound knowledge of language and culture and the ability to use the English language effectively is fundamental to most occupations. The Bachelor of Arts in English Language and Literature prepares students for leadership positions and professional success in:

- law
- business
- education
- government
- politics
- diplomacy
- media

**Degree Requirements**

All students pursuing the BA in English Literature and Language must complete the following ten (10) courses:

- ENG 101 Introduction to the Study of Literature (3)
- ENG 201 Introduction to American Literature (3)
- ENG 203 Language and Society (3)
- ENG 211 Introduction to British Literature (3)
- ENG 221 Introduction to African Literature (3)
- ENG 301 Introduction to the Study of Language (3)
- ENG 302 History of the English Language (3)
- ENG 304 English Syntax I (3)
- ENG 312 Phonetics and Phonology (3)
- ENG 315 Introduction to World Literature in Translation (3)

**Concentration Requirements: Literature or Language**

In addition to courses outlined above, students are required to take a minimum of six (6) courses selected from one of the two areas of concentration (language or literature); at least three (3) of the courses must be at the 300 or 400 levels. (In order to be eligible to take a 300 level course or higher, students must have successfully completed at least one (1) ENG course at the 200 level.) Students are strongly encouraged to consult with their Chair when selecting concentration courses to confirm that the courses will satisfy major requirements.

**SAMPLE 4-YEAR STUDY PLAN FOR A BACHELOR OF ARTS IN ENGLISH LITERATURE OR LANGUAGE**

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<tr>
<td>Spring</td>
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<td>Introduction to the Study of Language</td>
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## Fourth Year (30 Credit Hours)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>Fulfills</th>
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<tbody>
<tr>
<td>Falls</td>
<td>CONCENTRATION ELECTIVE #3</td>
<td></td>
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<tr>
<td>Falls</td>
<td>ENG 312</td>
<td>Phonetics, Phonology</td>
<td>3</td>
<td>WRI 102</td>
<td>MAJOR</td>
</tr>
<tr>
<td>Falls</td>
<td>CONCENTRATION ELECTIVE #4</td>
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<td>3</td>
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<tr>
<td>Falls</td>
<td>ENG 315</td>
<td>Introduction to World Literature in Translation</td>
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<td>Falls</td>
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</table>
Bachelor of Arts (B.A.) in International and Comparative Politics
The Bachelor of Arts program in International and Comparative Politics introduces students to the several sub-disciplines of political studies; International Relations, Comparative Politics, Political Theory, and Public Administration. The program trains graduates in the liberal arts tradition of thinking independently, critically, and analytically; communicating effectively and finding creative ways to contribute to the society in which they live.

Graduates with a BA in International and Comparative Politics can follow several career tracks. Professional options open to ICP graduates include careers in the following areas:

- Public service
- Diplomatic service
- Politics
- International/Regional organizations
- The third sector: non-governmental organizations

Degree Requirements
The Bachelor of Arts in International and Comparative Politics requires a total of 45 credits (15 courses). Of the fifteen (15) courses, the following five (5) core courses are required of every student:

- ICP 10:1 Introduction to Comparative Politics (3)
- ICP 13:1 Introduction to International Relations (3)
- ICP 161: Introduction to Political Theory (3)
- ICP 186: Introduction to Public Administration
- ICP 205: Contemporary African Politics (3)

Upon completion of the core requirements (many of which serve as pre-requisites for upper level courses), students are required to satisfy the following requirements:

- Nine (9) credits of ICP courses at any level.
- Twelve (12) credits of ICP courses at the 300 or 400 level.
- Nine (9) credits of ICP courses at the 400 level.
- Three (3) credits of quantitative methods at the 300 level or above.
- Six (6) credits of Senior Research Project at 400 level
- One (1) credit of ICP 232 Model United Nations
In completing the requirements above, students are free to construct their own program of study with an emphasis in Development Studies, Peace and Conflict Studies, International Relations, Public Administrations, any other sub-field of Political Studies such as Comparative Politics, African Politics, or Nigerian Politics or across sub-fields subject to the availability of courses and the requirements for the ICP degree. Students should consult with their Chair in designing their course of study, in selecting elective courses, and in considering a possible minor.

The ICP Program also offers a BA with Honors. This requires being part of a two semester Honors Seminar (6 credits; ICP 496 and 497) that culminates with an Honors Thesis of 12-15,000 words that must be presented in a public defense.

ICP 496 and 497 serve as alternatives to ICP 490 and 491 (Senior Research Project) respectively for students that meet the CGPA prerequisites for the courses.

**Advised Electives**

Students are advised to take some or all of the following courses to complement and support the degree program in International and Comparative Politics. Advised electives include:

- PHI 201: Comparative Religions: Islam and Christianity (3)
- ECO 210: Principles of Microeconomics (3)
- ECO 220: Principles of Macroeconomics (3)
- ECO 340: Development Economics (3)
- ECO 350: International Trade (3)

**A SAMPLE STUDY PLAN FOR THE BACHELOR OF ARTS (B.A.) IN INTERNATIONAL AND COMPARATIVE POLITICS:**

The Bachelor of Arts in International and Comparative Politics requires a total 45 credits (15 courses). Of the fifteen (15) courses, five (5) of the following core courses below are required of every student:

- ICP 101 Introduction to Comparative Politics (3)
- ICP 131 Introduction to International Relations (3)
- ICP 161 Introduction to Political Theory (3)
- ICP 186 Introduction to Public Administration
- ICP 205 Contemporary African Politics (3)

**INTERNATIONAL AND COMPARATIVE POLITICS SAMPLE FOUR-YEAR STUDY PLAN**

<table>
<thead>
<tr>
<th>Semester</th>
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<th>Course Title</th>
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<td>History &amp; Philosophy of Science</td>
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<td>Introduction to Research and Statistical Methods</td>
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<td>Introduction to Computers and Computing</td>
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<td>WRI 102</td>
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<td>ICP 101</td>
<td>Introduction to Comparative Politics Studies</td>
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### Second Year (32 Credit Hours)

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<td>Fall</td>
<td>CIV 101</td>
<td>African Civilization</td>
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<td></td>
<td>NES 101</td>
<td>Introduction to Environmental Sustainability</td>
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<td>ICP 186</td>
<td>Introduction to Public Administration</td>
<td>3</td>
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<td>CDV 201</td>
<td>Community Service</td>
<td>3</td>
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<td>ICP 131</td>
<td>Introduction to International Relations</td>
<td>3</td>
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<tr>
<td>Spring</td>
<td>ICP 161</td>
<td>Introduction to Political Theory</td>
<td>3</td>
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<td></td>
<td>ICP 205</td>
<td>Introduction to African Politics</td>
<td>3</td>
<td>ICP 101 or ICP 131</td>
<td>MAJOR</td>
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<td></td>
<td>ECO 201</td>
<td>Principles of Microeconomics</td>
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<td>CIV 102</td>
<td>Western Civilization</td>
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<td>FRENCH 101</td>
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<td>Model United Nations</td>
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### Third Year (30 Credit Hours)
## Fall Semester

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<tr>
<td>ICP Course</td>
<td>At Any Level</td>
<td>3</td>
<td>See Catalog</td>
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<tr>
<td>ICP Course</td>
<td>At 300-Level</td>
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<td>See Catalog</td>
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<tr>
<td>FREE ELECTIVE</td>
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<tr>
<td>PHI 300</td>
<td>Ethics &amp; Leadership</td>
<td>3</td>
<td>Junior/Senior Standing</td>
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<tr>
<td>300 LEVEL ICP course</td>
<td>At 300-level</td>
<td>3</td>
<td>See Catalog</td>
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**Total** 15

## Spring Semester

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<th>Prerequisite</th>
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<tbody>
<tr>
<td>PHI 201</td>
<td>Comparative Religions: Islam &amp; Christianity</td>
<td>3</td>
<td>See Catalog</td>
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<td>300 LEVEL ICP Course</td>
<td>At 300 Level</td>
<td>3</td>
<td>See Catalog</td>
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<tr>
<td>300 LEVEL ICP Course</td>
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<td>See Catalog</td>
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<tr>
<td>ICP 395/SOC 390</td>
<td>Social Sciences Research Methods</td>
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<td>STA 101</td>
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**Total** 15

## Fourth Year (30 Credit Hours)

<table>
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<tr>
<th>Course Code</th>
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<td>ICP Elective</td>
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<td>400 LEVEL ICP Course</td>
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<td>ECO 303</td>
<td>Development Economics</td>
<td>3</td>
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<tr>
<td>ICP 490/ICP 496</td>
<td>Senior Research Project –Part 1</td>
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<td>Senior Standing</td>
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**Total** 15
Bachelor of Science (B.Sc.) in Natural and Environmental Sciences
The Bachelor of Science program in Natural and Environmental Sciences provides an advanced understanding of the natural environment through interdisciplinary scientific education and research. When majoring in Natural and Environmental Sciences, students will choose one of three concentration areas:

1) Conservation Biology
2) Environment and Health
3) Biomedical Sciences

**Conservation Biology** focuses on conservation issues that affect wildlife and habitats. The protection and preservation of the natural world has become a growing concern worldwide. It is an especially urgent concern in Africa because of its high rate of human population activities that disturb the environment.

**Environment and Health** focuses on understanding the biological and physical world, man-made pollutants released by human activities, and the impact of contemporary societal activities on human health. Through the choice of electives, students can personalize their program to emphasize either the sources of pollution and their measurement or the biological processes within the human body affected by health and disease.

**Biomedical Sciences** provides an advanced understanding of biology with a special focus on human biology. This program is designed for students who wish to further their career in the health professions: medical practice, nursing, public health, physical therapy, pharmacy, veterinary medicine, etc. It is also the degree of choice for students wishing to further their education at the graduate level in biotechnology, molecular biology, cell biology, biochemistry, microbiology, public health, and similar health fields.

All three concentrations provide comprehensive foundations in natural scientific inquiry through courses in biology, chemistry, toxicology, physics, and those directly related to the environment and ecology. All three concentrations prepare students for meaningful employment and for further studies at the graduate level.

The Conservation Biology concentration prepares students for positions as researchers, advisors, and administrators in such organizations as:

- Universities and research institutions
- National parks
- Ministries of forestry and wildlife
- Governmental agencies
- Non-governmental organizations, both Nigerian and international
- Eco-tourism organizations and businesses

The Environment and Health concentration prepares students for careers in:
Universities and research institutions
Petrochemical industry
Environmental consulting and management firms
National and state government agencies managing health and environmental issues
Regulatory agencies that monitor industries for pollution
Agrochemical industry
Waste management
Electrical power plants and other utilities
Municipal waste treatment facilities
Industries and manufacturing companies

The Biomedical Sciences concentration provides the foundation for students wishing to continue their studies in medicine and health-related graduate programs. It will prepare students for careers in:

Universities and research institutions
Governmental agencies
Non-governmental organizations, both Nigerian and international
Hospitals and health clinics

Program Requirements – Environment and Health Concentration
The Bachelor of Science in NES (concentration: Environment and Health) requires a total of 71 credit hours in courses related to major and other science subjects.

CORE COURSES
The following 15 core courses are required for a total of 51 credit hours:

BIO 120  Introduction to Biology 1 (4)
BIO 121  Introduction to Biology 2 (4)
BIO 210  Communicating in the Sciences (3)
BIO 450  Principles of Epidemiology (3)
CHE 120  General Chemistry 1 (4)
CHE 121  General Chemistry 2 (4)
MAT 112  Pre-Calculus (3)
PHY 131  College Physics 1 (4)
PHY 132  College Physics 2 (4)
STA 101  Introduction to Research and Statistics (3)
STA 305  Biostatistics (3)
NES 201  Introduction to Natural and Environmental Sciences (3)
NES 342  Environmental Toxicology (3)
NES 490  Senior Research Project I (3)
NES 491  Senior Research Project II (3)

Students who do not have a solid background in biology may need to complete Exploring Life (BIO 101), BIO 103 (Essential of Nutrition), or BIO 104 (Health and Diseases of Africa) before enrolling in BIO 120.
Students who do not have a solid background in chemistry should complete CHE 101 (Introduction to Chemistry) before enrolling in CHE 120.

Students who do not have a solid background in physics should complete PHY 101 (Conceptual Physics) before enrolling in PHY 131.

Note that these preparatory courses (BIO 101, BIO 103, BIO 104, NES 101, CHE 101, and PHY 101) will not count towards the major course requirements, but may be included as General Education credits in the Natural and Physical Sciences, and/or the Mathematics and Statistics, and/or the Free Electives sections.

**MAJOR ELECTIVE COURSES**

In addition to the required 51 credits (listed above), NES majors in the Environmental Health concentration must complete an additional **20 credits** of major electives. At least three (3) credits must come from Group I (see below) and at least nine (9) credits must come from Group II.

**GROUP I**

Students must complete **at least 3 credits** from the following courses:

- BIO 240  Microbiology and Immunology (4)
- BIO 250  Global Health (3)
- BIO 350  Introduction to Public Health (3)

**GROUP II**

Students must complete **at least 9 credits** from the following courses:

- NES 300  Environmental Policy and Risk Management (3)
- NES 320  Special Topics in Natural and Environmental Sciences (3)
- NES 340  Pollution: Sources and Effects (3)
- NES 344  Environmental Risk Assessment (3)
- NES 440  Environmental Impact Assessment (3)
- NES 420  Environmental and Occupational Health (3)
- NES 430  Environmental Chemistry (3)
- GEO 312  Soil Science and Environmental Change (4)
- CHE 210  Organic Chemistry I (4)
- CHE 211  Organic Chemistry II (4)
- CHE 350  Biochemistry (3)

Other courses accepted as major electives in this concentration include:

- NES 202  Ecology (4)
- NES 492  Independent Study in Natural and Environmental Sciences (3)
- NES 493  Internship in NES (3)
- BIO 205  Animal Form and Function (4)
The following courses are suggested, but not required, as General Education or free-elective courses:

- ANT 201 Cultural Anthropology (3)
- BIO 103 Essentials of Nutrition (3)
- BIO 104 Health and Diseases in Africa (3)
- PSY 101 Introduction to Psychology (3)
- SOC 101 Introduction to Sociology (3)
- GEO 101 Introduction to Geology (3)

4-YEAR STUDY PLAN FOR B.Sc. IN NATURAL AND ENVIRONMENTAL SCIENCE (ENVIRONMENT AND HEALTH)

This study plan assumes there is no need for preparatory courses.
Please note that this study plan is meant as a guide only. Due to staff and scheduling changes some courses may not be offered during the semesters indicated. Please check with your advisor and Chair every semester to be up to date with changes to the course schedule.

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<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>Fulfills</th>
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<tr>
<td>Fall</td>
<td>WRI 101</td>
<td>Freshman Composition I</td>
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<td>AUN 101</td>
<td>AUN Freshman Series</td>
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<td>BIO 120</td>
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<td>HUMANITIES #1 (GEN 103)</td>
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<td>Course Title</td>
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<td>NES 201</td>
<td>Introduction to Natural and</td>
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### Third Year (33 Credit Hours)

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### Fourth Year (28 Credit Hours)

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### Program Requirements – Conservation Biology Concentration

The Bachelor of Science in NES (concentration: Conservation Biology) requires a **total of 71 credit hours** in courses related to major and other science subjects.
CORE COURSES
The following 14 core courses are required for a total of 49 credit hours:

- BIO 120 Introduction to Biology 1 (4)
- BIO 121 Introduction to Biology 2 (4)
- BIO 210 Communicating in the Sciences (3)
- BIO 230 Molecular Genetics (4)
- CHE 120 General Chemistry 1 (4)
- CHE 121 General Chemistry 2 (4)
- MAT 112 Pre-Calculus (3)
- PHY 131 College Physics 1 (4)
- PHY 132 College Physics 2 (4)
- STA 101 Introduction to Research and Statistics (3)
- STA 305 Biostatistics (3)
- NES 201 Introduction to Natural and Environmental Sciences (3)
- NES 490 Senior Research Project I (3)
- NES 491 Senior Research Project II (3)

Students who do not have a solid background in biology may need to complete Exploring Life (BIO 101), BIO 103 (Essential of Nutrition), or BIO 104 (Health and Diseases of Africa) before enrolling in BIO 120.

Students who do not have a solid background in chemistry should complete CHE 101 (Introduction to Chemistry) before enrolling in CHE 120.

Students who do not have a solid background in physics should complete PHY 101 (Conceptual Physics) before enrolling in PHY 131.

Note that these preparatory courses (BIO 101, BIO 103, BIO 104, NES 101, CHE 101, and PHY 101) will not count towards the major course requirements, but may be included as General Education credits in the Natural and Physical Sciences, and/or the Mathematics and Statistics, and/or the Free Electives sections.

MAJOR ELECTIVE COURSES
In addition to the required 49 credits (listed above), NES majors in the Conservation Biology concentration must complete an additional 22 credits of major electives. At least seven (7) credits must come from Group I (see below); at least six (6) credits must come from Group II; and at least three (3) credits from Group III.

GROUP I
Students must complete at least 7 credits from the following courses:

- NES 202 Ecology (4)
- NES 310 Behavioral Ecology (3)
- NES 401 Community Ecology and Population Biology (3)
- NES 406 Plant Community Ecology (3)
- BIO 205 Animal Form and Function (4)
GROUP II
Students must complete at least 6 credits from the following courses:

- NES 300  Environmental Policy and Risk Management (3)
- NES 320  Special Topics in Natural and Environmental Sciences (3)
- NES 340  Pollution: Sources and Effects (3)
- NES 342  Environmental Toxicology (3)
- NES 344  Environmental Risk Assessment (3)
- NES 420  Environmental and Occupational Health (3)
- NES 440  Environmental Impact Assessment (3)
- NES 430  Environmental Chemistry (3)
- GEO 312  Soil Science and Environmental Change (4)

GROUP III
Students must complete at least 3 credits from the following courses:

- BIO 250  Global Health (3)
- BIO 350  Introduction to Public Health (3)
- ICP 434  Global Environmental Politics (3)
- ICP 435  International Development (3)
- ECO 405  Environmental and Natural Resource Economics (3)

Other courses accepted as major electives in this concentration include:

- ANT 201  Cultural Anthropology (3)
- NES 492  Independent Study in Natural and Environmental Sciences (3)
- NES 493  Internship in NES (3)
- WRI 321  Preparation of Oral and Written Reports (3)

The following courses are suggested, but not required, as General Education or free-elective courses:

- BIO 103  Essentials of Nutrition (3)
- BIO 104  Health and Diseases in Africa (3)
- ICP 135  Introduction to International Development (3)
- PSY 101  Introduction to Psychology (3)
- SOC 101  Introduction to Sociology (3)
- GEO 101  Introduction to Geology (4)
4-YEAR STUDY PLAN FOR B.Sc. IN NATURAL AND ENVIRONMENTAL SCIENCE (CONSERVATION BIOLOGY)

This study plan assumes there is no need for preparatory courses.

Please note that this study plan is meant as a guide only. Due to staff and scheduling changes some courses may not be offered during the semesters indicated. Please check with your advisor and Chair every semester to be up to date with changes to the course schedule.

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### Fourth Year (28 Credit Hours)

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### Program Requirements – Biomedical Sciences Concentration
The Bachelor of Science in NES (concentration: Biomedical Sciences) requires a total of **71 credit hours** in courses related to major and other science subjects.

### CORE COURSES
The following 15 core courses are required for a total of **53 credit hours**:

- BIO 120 Introduction to Biology 1 (4)
- BIO 121 Introduction to Biology 2 (4)
- BIO 210 Communicating in the Sciences (3)
- BIO 230 Molecular Genetics (4)
- BIO 320 Human Anatomy and Physiology (4)
- CHE 120 General Chemistry 1 (4)
- CHE 121 General Chemistry 2 (4)
- CHE 350 Biochemistry (3)
- MAT 112 Pre-Calculus (3)
Students who do not have a solid background in biology may need to complete Exploring Life (BIO 101), BIO 103 (Essential of Nutrition), or BIO 104 (Health and Diseases of Africa) before enrolling in BIO 120.

Students who do not have a solid background in chemistry should complete CHE 101 (Introduction to Chemistry) before enrolling in CHE 120.

Students who do not have a solid background in physics should complete PHY 101 (Conceptual Physics) before enrolling in PHY 131.

Note that these preparatory courses (BIO 101, BIO 103, BIO 104, NES 101, CHE 101, and PHY 101) will not count towards the major course requirements, but may be included as General Education credits in the Natural and Physical Sciences, and/or the Mathematics and Statistics, and/or the Free Electives sections.

**MAJOR ELECTIVE COURSES**

In addition to the required 53 credits (listed above), NES majors in the Biomedical Sciences concentration must complete an additional **18 credits** of major electives. At least eleven (11) credits must come from Group I (see below), and at least three (3) credits must come from Group II.

**GROUP I**

Students must complete **at least 11 credits** from the following courses:

- BIO 240 Microbiology and Immunology (4)
- BIO 360 Cell and Developmental Biology (4)
- BIO 380 Biotechnology (3)
- BIO 420 Human Genetics (3)
- CHE 210 Organic Chemistry I (4)
- CHE 211 Organic Chemistry I (4)

**GROUP II**

Students must complete **at least 3 credits** from the following courses:

- BIO 250 Global Health (3)
- BIO 350 Introduction to Public Health (3)
- BIO 450 Principles of Epidemiology (3)
Other courses accepted as major electives in this concentration include:

- BIO 205 Animal Form and Function (4)
- BIO 206 Applied Botany (4)
- BIO 390 Introduction to Bioinformatics (3)
- BIO 492 Independent Study in Biomedical Sciences (1-6)
- BIO 493 Internship in Biomedical Sciences (1-6)

The following courses are suggested, but not required, as General Education or free-elective courses:

- BIO 103 Essentials of Nutrition (3)
- BIO 104 Health and Diseases in Africa (3)
- PSY 101 Introduction to Psychology (3)
- SOC 101 Introduction to Sociology (3)

4-YEAR STUDY PLAN FOR B.Sc. IN NATURAL AND ENVIRONMENTAL SCIENCE (BIOMEDICAL SCIENCES)

This study plan assumes there is no need for preparatory courses. Please note that this study plan is meant as a guide only. Due to staff and scheduling changes some courses may not be offered during the semesters indicated. Please check with your advisor and Chair every semester to be up to date with changes to the course schedule.

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| BIO 121 | Introduction to Biology II | 4 | BIO 120 | MAJOR |
| CHE 120 | General Chemistry I | 4 | CHE 101 OR PLACEMENT TEST | MAJOR/GENED |
| MAT 112 | Pre-Calculus | 3 | MAT 110 OR PLACEMENT TEST | MAJOR/GENED |
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**Second Year (30 Credit Hours)**

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<tr>
<td></td>
<td>BIO 230</td>
<td>Microbiology and Immunology</td>
<td>4</td>
<td>BIO 121, CHE 121</td>
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<tr>
<td></td>
<td>MAT 210</td>
<td>Calculus I</td>
<td>3</td>
<td>MAT 112</td>
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### Fourth Year (30 Credit Hours)

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<tbody>
<tr>
<td>Falls</td>
<td>CHE 350</td>
<td>Biochemistry</td>
<td>3</td>
<td>CHE 210</td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>STA 305</td>
<td>Biostatistics</td>
<td>3</td>
<td>STA 101 and MAT 210</td>
<td>MAJOR</td>
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<tr>
<td></td>
<td>BIO 320</td>
<td>Human Anatomy and Physiology</td>
<td>4</td>
<td>BIO 205 and CHE 120</td>
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</tr>
<tr>
<td></td>
<td>Nat &amp; Phy Science</td>
<td></td>
<td>4</td>
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<td>GENED</td>
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<tr>
<td></td>
<td>BIO 490</td>
<td>Senior Research Project I in Biomedical Sciences</td>
<td>3</td>
<td>BIO 121, BIO 210, STA 101 and junior/senior standing</td>
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### Spring

<table>
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<tr>
<th>Semester</th>
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<tbody>
<tr>
<td>Fall</td>
<td>BIO 491</td>
<td>Senior Research Project II in Biomedical Sciences</td>
<td>3</td>
<td>BIO 490, STA 305</td>
<td>MAJOR</td>
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<tr>
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<td>BIO 360</td>
<td>Cell and Developmental Biology</td>
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<td>BIO 121</td>
<td>MAJOR</td>
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<td>BIO 240</td>
<td>Human Genetics</td>
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</table>
Further Notes on NES
Students who intend to pursue careers in medicine, pharmacy, veterinary science, or related fields are strongly advised to take the following courses as electives. The new MCAT (from January 2015) pulls heavily from these subjects:

- CHE 210 Organic Chemistry 1 (4)
- CHE 211 Organic Chemistry 2 (4)
- SOC 101 Introduction to Sociology (3)
- PSY 101 Introduction to Psychology (3)

MINORS
A minor is a course sequence within an area of study providing a degree of specialization within that area, a specialty within a discipline, or a specialty integrating several disciplines. Minors balance introductory and advanced coursework. Students wishing to obtain a minor are encouraged to contact their academic advisor. Please note that no more than six (6) credits of minor coursework can overlap with major or general education requirements.

Minor in Natural and Environmental Science
A minor in Natural and Environmental Sciences is intended for students who are interested in environmental and human health issues. Students must complete a total of 20 credit hours.

Required:
- BIO 120 Introduction to Biology 1 (4)
- BIO 121 Introduction to Biology 2 (4)

A further 12 credits from any BIO or NES course at or above the 200 level.

Bachelor of Science (B.Sc.) in Petroleum Chemistry
The Petroleum Chemistry program offers a highly specialized, career-oriented major to students interested in pursuing opportunities in the petroleum and petrochemical industries. The structure provides an intense chemistry-focused program for the petroleum and related fields.

The Petroleum Chemistry program will prepare students to assume newly developed careers created by Nigeria's restructuring of the downstream petrochemical sector focusing on the innovation of new petrochemicals and their processing, refining and distribution of petroleum products, and in-depth laboratory analysis of various petroleum-related specimens.

Students will have a choice of career paths both in the oil industry and those related to petrochemicals and associated manufacturing. The petroleum industry needs petroleum chemists and engineers for:

- oil refining
- oil exploration
- oil production
- cracking
- petrochemical processing
• manufacturing petroleum products such as plastics, rubbers,
• solvents, fuels, and other polymers

**Philosophy, Aims and Objectives of the Program**

**Philosophy of the Program**
The Petroleum Chemistry program is designed to produce graduates with sound theoretical and practical knowledge required for the development of the petroleum and petrochemical sector of the nation’s economy. This means the program will produce graduates of very high academic standard with sufficient practical experience required for self-employment as well as being of immediate value to the petroleum and petrochemical industry.

**Aims and Objectives of the Program**
The aim of the program is to provide our undergraduates with the required practical knowledge and skills of the chemical processes in the oil and gas industry, to enable them contribute effectively to the overall industrial development of the nation.

The undergraduate curriculum in petroleum chemistry at AUN is designed to:

- Provide students with mastery of the principles, concepts and experiences needed in the petroleum and chemical/petrochemical industry.
- Prepare students for graduate study in petroleum, chemistry or related courses via high quality and innovative research at the undergraduate level.
- Produce Petroleum Chemists that can effectively use computers, computational approach/modeling and innovative software to reduce the time and cost of oil processing, refining and distribution, as well as research in the oil and related industry/academia.
- Develop and train students with excellent practical knowledge in the field of renewable energy and technology.
- Create awareness among our students on the reality of the energy crisis and sensitize them towards finding lasting solutions.
- Foster and build an environment that develops students who are energy problem solvers, and whose lives are transformed for service and leadership.
- Make the students aware and conscious of the environmental problems associated with oil & gas exploration, production and processing and ways to combat them.
- Equip our graduates with relevant skills and leadership abilities suitable for entrepreneurship, scholarship, community service and employment.

**Program Requirements**
Students majoring in Petroleum Chemistry must complete the following courses within the General Education distribution requirements:

To fulfill the General Education requirement in the science area:

CHE 120 General Chemistry I (4)
CHE 121 General Chemistry II (4)
(Note: Students with no, or weak, previous background in chemistry in secondary school should complete CHE 101, Introduction to Chemistry, before enrolling in CHE 120. This will make it necessary to attend at least one summer session to complete the degree program in four calendar years.)

To fulfill the General Education requirement in the mathematics area:
MAT 210 Calculus I (3)
MAT 211 Calculus II (3)

(Note: Students without a background in pre-calculus should complete MAT 112, University Algebra, and/or MAT 120, Pre-calculus, before enrolling in MAT 210 (formerly MAT 121). This will make it necessary to attend at least one summer session to complete the program in four calendar years.

To fulfill the General Education requirements in the social and behavioral sciences area:
ECO 210 Principles of Microeconomics (3)
ECO 220 Principles of Macroeconomics (3)
Or advised elective in ANT, ECO, ICP, PSY, SOC

In addition to the General Education Program requirements, the Bachelor of Science in Petroleum Chemistry requires a total of 70 credit hours in courses for major and related science courses.

Seven (7) core Chemistry/industrial chemistry courses (25 credits):
CHE 210: Organic Chemistry I (4)
CHE 220: Physical Chemistry I (4)
CHE 221: Industrial Chemical Processes (3)
CHE 324: Industrial Chemical Technology (3)
CHE 340: Inorganic Chemistry (4)
CHE 330: Analytical Chemistry (4)
CHE 331: Instrumental Methods of Analysis & Applied Spectroscopy (3)

Students must complete three courses, 12 credit hours, in related science courses and one additional course in mathematics, 3 credit hours, as shown below:
PHY 105, University Physics I (4)
PHY 106, University Physics II (4)
GEO 101, Introduction to Geology (4)
MAT 310, Calculus III (3)

Core Petroleum Chemistry Courses
In addition to the courses listed above, the Petroleum Chemistry students must complete the courses (26 credit hours) outlined below:
PCE 310: Petroleum Science (4)
PCE 320: Petrochemicals (3)
PCE 321: Polymer Chemistry and Technology (4)
PCE 311: Natural Gas (3)
PCE 410: Oil Spill & Gas Flaring: Effects & Control (3)
PCE 421: Electrochemistry & Corrosion Chemistry (3)
PCE 416: Coal & Oil Shale Chemistry (3)
PCE 493: Internship in Petroleum/Petrochemicals Industry (3-4)
Additionally, students must complete one of the following:
CHE 490: Research Project (4)
CHE 499: Thesis Project (4, 4: two semester course) ***
***Students must have at least a B average (3.0/4.0) to register for CHE 499.

**Free Electives**
All petroleum chemistry students are advised to select their free electives in consultation with their Chairs, from the electives below.

PCE 313: Introduction to Catalysis (3)
CHE 211: Organic Chemistry II (4)
CHE 300: Oil & Gas Law (3)
CHE 322: Environmental Chemistry (3)
CHE 423: Quality Control & Industrial Safety (3)
CHE 323: Chemical Kinetics & Thermodynamics (3)
CHE 420: Physical Chemistry II (3)
CHE 450: Computational Chemistry (4)
GEO 301: Elements of Petroleum Geology (3)

**SAMPLE 4-YEAR STUDY GUIDE FOR A PETROLEUM CHEMISTRY PROGRAM, 132 credit hour program, requires 8 semesters and one summer session for internship**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisites</th>
<th>Fulfills</th>
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<tr>
<td>Fall</td>
<td>WRI 101</td>
<td>Freshman Composition I</td>
<td>3</td>
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<tr>
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<td>ENT 101</td>
<td>Entrepreneurship and Development</td>
<td>3</td>
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<td>GENED</td>
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<tr>
<td></td>
<td>CHE 120</td>
<td>General Chemistry I</td>
<td>4</td>
<td>CHE 101</td>
<td>GENED</td>
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<td></td>
<td>MAT 110</td>
<td>University Algebra</td>
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<td></td>
<td>AUN 101</td>
<td>AUN Freshman Seminar</td>
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<td><strong>Total</strong></td>
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<tr>
<td>Spring</td>
<td>WRI 102</td>
<td>Freshman Composition II</td>
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<td>WRI 101</td>
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<tr>
<td></td>
<td>GEN 102</td>
<td>Nigerian Peoples and Cultures</td>
<td>3</td>
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<td>CHE 121</td>
<td>General Chemistry II</td>
<td>4</td>
<td>CHE 120</td>
<td>MAJ</td>
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<td>MAT 210</td>
<td>Calculus I</td>
<td>3</td>
<td>MAT 112</td>
<td>GENED</td>
</tr>
<tr>
<td></td>
<td>CIE 111</td>
<td>Introduction to Computers and</td>
<td>3</td>
<td></td>
<td>GENED</td>
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<tr>
<td></td>
<td></td>
<td>Computing</td>
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### Second Year (34 Credit hours)

<table>
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<tr>
<th>Semester</th>
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<th>Prerequisites</th>
<th>Fulfills</th>
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<tr>
<td>Fall</td>
<td>CIV 102/201/112</td>
<td>Civilizations</td>
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<td>MAT 211</td>
<td>Calculus II</td>
<td>3</td>
<td>MAT 210</td>
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<tr>
<td></td>
<td>CHE 210</td>
<td>Organic Chemistry I</td>
<td>4</td>
<td>CHE 121</td>
<td>MAJOR</td>
</tr>
<tr>
<td></td>
<td>PHY 205</td>
<td>University Physics I</td>
<td>4</td>
<td>MAT 210</td>
<td>MAJOR</td>
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<td>CDV 201</td>
<td>Community Service</td>
<td>3</td>
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</table>

| Spring   | Social and behavioral Science (ECO 210 required) | Principles of Micro-economics | 3            | MAT 101, WRI 101 | GENED   |
|          | Arts and Humanities                               | Gen Education                 | 3            |               |         |
|          | GEO 101                                            | Introduction to Geology       | 4            | None          | MAJOR   |
|          | PHY 206                                            | University Physics II         | 4            | PHY 205       | MAJOR   |
|          | STA 101                                            | Introduction to Research and Statistical Methods | 3 | | GENED |
|          |                                                     | Total                         | 17           |               |         |

### Third Year (34 Credit hours)

<table>
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<tr>
<th>Semester</th>
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<tr>
<td>Fall</td>
<td>MAT 310</td>
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<td>MAT 211</td>
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<td>PHI 300</td>
<td>Ethics and Leadership</td>
<td>3</td>
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<td>CHE 220</td>
<td>Physical Chemistry I</td>
<td>4</td>
<td>CHE 121, MAT 310</td>
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<td>CHE 330</td>
<td>Analytical Chemistry</td>
<td>4</td>
<td>CHE 121, PHY 206</td>
<td>MAJOR</td>
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<tr>
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<td>CHE 221</td>
<td>Industrial Chemical Processes</td>
<td>3</td>
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### Spring

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<th>Prerequisite(s)</th>
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<tbody>
<tr>
<td>PCE 311</td>
<td>Natural Gas</td>
<td>3</td>
<td>CHE 210</td>
<td>MAJOR</td>
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<tr>
<td>PCE 320</td>
<td>Petrochemicals</td>
<td>3</td>
<td>CHE 210, CHE 220</td>
<td>MAJOR</td>
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<tr>
<td>CHE 340</td>
<td>Inorganic Chemistry</td>
<td>4</td>
<td>CHE 121</td>
<td>MAJOR</td>
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<tr>
<td>PCE 321</td>
<td>Polymer Chemistry and Technology</td>
<td>4</td>
<td>CHE 210, CHE 220</td>
<td>MAJOR</td>
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<tr>
<td>GEN 103</td>
<td>History and Philosophy of Science</td>
<td>3</td>
<td></td>
<td>GENED</td>
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<td><strong>Total</strong></td>
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#### Summer Internship: PCE 493, Internship Experience (3-6): MAJOR

#### Fourth Year (32 Credit hours)

<table>
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<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite(s)</th>
<th>Fulfills</th>
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<tr>
<td><strong>Fall</strong></td>
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<td></td>
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<td></td>
<td>CHE 324</td>
<td>Industrial Chemical Technology</td>
<td>3</td>
<td>CHE 221</td>
<td>MAJOR</td>
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<td>CHE 331</td>
<td>Instrumental Methods of Analysis &amp; Applied Spectroscopy</td>
<td>3</td>
<td>CHE 330</td>
<td>MAJOR</td>
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<td>Free Elective</td>
<td>From PCE free Elective</td>
<td>3</td>
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<td>GENED ELECTIVE</td>
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<td></td>
<td>PCE 410</td>
<td>Oil Spill &amp; Gas Flaring: Effects &amp; Control</td>
<td>3</td>
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<td>PCE 310</td>
<td>Petroleum Science</td>
<td>4</td>
<td>CHE 210, CHE 220</td>
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<td>Free Elective</td>
<td>From PCE Free Elective</td>
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<tr>
<td>PCE 313</td>
<td>Introduction to Catalysis</td>
<td>3</td>
<td>CHE 340</td>
<td>MAJOR</td>
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</tr>
<tr>
<td>PCE 416</td>
<td>Coal &amp; Oil Shale Chemistry</td>
<td>3</td>
<td>PCE 320, PCE 321</td>
<td>MAJOR</td>
<td></td>
</tr>
<tr>
<td>PCE 421</td>
<td>Electrochemistry &amp; Corrosion Chemistry</td>
<td>3</td>
<td>CHE 220</td>
<td>MAJOR</td>
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<td>CHE 490/499</td>
<td>Senior Research Project</td>
<td>4</td>
<td>Senior standing</td>
<td>MAJOR</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>13</strong></td>
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</table>

**Total Credit hours: 132**

Breakdown:
- Major Credit hours: 80
- General Education credit hours: 52
- Internship: 3-6
MINORS
A minor is a course sequence within an area of study providing a degree of specialization within that area, a specialty within a discipline, or a specialty integrating several disciplines. Minors balance introductory and advanced coursework. Students wishing to obtain a minor are encouraged to contact their Chair. Please note that no more than six (6) credits of minor coursework can overlap with major or general education requirements.

Students enrolled in the School of Arts and Sciences and the School of Business may choose a minor in one of the areas of concentration in Communications and Multimedia (CMD)--Advertising, Journalism, Multimedia and TV/Film--by taking 18 credit hours in any of the CMD concentrations. Students wishing to minor in CMD should have completed at least 30 credit hours with a minimum CGPA of 2.0 to be approved for a CMD minor. No more than 6 credits can overlap between general education, major and minor requirements. The CMD minor must consist of a minimum of 18 credits including at least 9 credits in courses at or above the 200 level.

Minor in Advertising
Students wishing to minor in Public Relations & Advertising should have completed at least 30 credit hours with a minimum CGPA of 2.0. The Minor requirements are as follows:
CMD 120 Writing for the Mass Media
CMD 211 Globalization, Development and the Mass Media
CMD 212 Principles of Public Relations and Advertising
CMD 225 Business Communications
CMD 416 Advertising/PR Campaigns
CMD 448 Integrated Marketing Communications

Minor in Economics
A minor in economics exposes students to economic theory and analysis. Students pursuing a minor in economics must complete a total of 7 courses (21 credit hours). Economics minors must complete:

ECO 210 Principles of Microeconomics (3)
ECO 220 Principles of Macroeconomics (3)
ECO 310 Intermediate Microeconomics (3)
ECO 320 Intermediate Macroeconomics (3)
STA 101 Introduction to Research and Statistical Methods (3)

Additionally, students must complete six (6) credits (2 courses) 300 level or higher:
ECO 3XX/4XX
ECO 3XX/4XX

Minor in English Language and Literature
Students pursuing a minor in English Language and Literature are exposed to major works of literature, fundamentals of the English language and writing. Students must complete at least 18 credits in ENG and WRI (excluding WRI 101 and 102) and 9 credits must be at 300 level or above. Students must complete the requirements outlined below:

Two (2) introductory literature courses chosen from the list below:
ENG 101 Introduction to the Study of Literature (3)
ENG 201 Introduction to American Literature (3)
ENG 211 Introduction to British Literature (3)
ENG 221 Introduction to African Literature (3)
ENG 231 Introduction to World Literature in Translation (3)
Two (2) courses in the English language or writing chosen from the list below:

ENG 301 Introduction to the Study of Language (3)
ENG 302 History of the English Language (3)
ENG 330 Language and Politics (3)
WRI 300 Writing in the Disciplines (3)
WRI 320 Introduction to Creative Writing (3)
WRI 321 Preparation of Written and Oral Reports (3)
WRI 401 Writing Workshop (3)
WRI 420 Independent Study in Writing (3)

Two (2) additional courses in ENG or WRI (one of which must be 300 level or above) as outlined below:

ENG XXX or WRI XXX (3)
ENG 3XX/4XX or WRI 3XX/4XX (3)

**Minor in International and Comparative Politics**
To minor in International and Comparative Politics (ICP) students must complete the 7 courses (21 credits) outlined below:

Two (2) of the three (3) ICP core courses:

ICP 101 Introduction to Comparative Politics (3)
ICP 131 Introduction to International Relations (3)
ICP 161 Introduction to Political Theory (3)

One (1) ICP course at any level:
ICP XXX (3)

In Contemporary African Politics:

ICP 205 Contemporary African Politics (3) and
Three (3) upper-level courses of which at least one (1) is at the 400-level.
ICP 3XX/4XX (3)
ICP 3XX/4XX (3)
ICP 4XX (3)

**Minor in Journalism**
Students wishing to minor in Journalism should have completed at least 30 credit hours with a minimum CGPA of 2.0. The Minor requirements are as follows:

CMD 110 Introduction to Communication Studies
CMD 120 Writing for Mass Media
CMD 211 Globalization, Development and the Mass Media
CMD 213 Principles of Journalism
CMD 221 News Writing and Reporting
CMD 313 Mass Media Law
Minor in Mathematics
To earn a minor in Mathematics, students are required to complete a minimum of 18 credits from the courses outlined below:

MAT 313 Real Analysis I (3)
MAT 310 Calculus III (3) (formerly MAT211)
MAT 312 Linear Algebra (3) (formerly MAT212)
MAT 315 Abstract Algebra I (3)
MAT 316 Numerical Analysis (3)
MAT 311 Vector Calculus (3)
MAT 410 Differential Equations (4) (formerly MAT310)
MAT 411 Partial Differential Equation (3)
MAT 412 Complex Analysis (3)
MAT 413 Differential Geometry (3)
STA 301 Probability Statistics (3)

Minor in Multimedia Design
Students wishing to minor in Multimedia Design should have completed at least 30 credit hours with a minimum CGPA of 2.0. The Minor requirements are as follows:
CMD 120 Writing for the Mass Media
CMD 121 Globalization, Development and the Mass Media
CMD 217 Broadcast Media Aesthetics
CMD 226 Design Studio
CMD 328 Multimedia Graphics Design
CMD 424 Multimedia Authoring

Minor in Natural and Environmental Science
A minor in Natural and Environmental Science is intended for students who are interested in environment and human health issues. Students must complete a total of 21 credit hours.

All students must complete:
BIO 105 Introduction to Zoology (4)
NES 200 Environmental Science Forum & Colloquium (1)
NES 201 Introduction to Natural and Environmental Science (3)
NES 202 Principles of Ecology (4)

Students must complete at least 9 credit hours (3 courses) from the courses listed below:
BIO 220 Animal Behavior (3)
NES 310 Behavioral Ecology (3)
NES 340 Pollution: Sources and Effects (3)
NES 342 Environmental Toxicology (3)
NES 344 Environmental Risk Assessment (3)
NES 401 Community Ecology and Population Biology (3)
NES 420 Environmental and Occupational Health (3)
NES 430 Environmental Chemistry (4)

Minor in Statistics
A minor in statistics is designed to equip students with decision-making skills necessary for successful professional careers and is especially useful in combination with subjects such as physics, natural and
environmental science, economics, information systems, international and comparative politics and business management. Students are required to complete six (6) courses (18 credits).

Students must complete the following two (2) core courses in mathematics and statistics:
STA 101 Introduction to Research and Statistical Methods (3)
MAT210 Calculus I (3) (formerly MAT 121)

Students must complete three (3) of the following courses in statistics and econometrics:
STA 301 Probability and Statistics (3)
STA 303 Non-parametric Statistics (3)
STA 304 Quantitative Methods in the Social Sciences (3)
STA 305 Biostatistics (3)
STA 310 Operations Research (3)
ECO 331 Econometrics I (3)

Students must complete one (1) of the courses below in mathematics:
MAT 211 Calculus II (3) (formerly MAT 210)
MAT 312 Linear Algebra (3) (formerly MAT 212)
MAT 410 Differential Equations (3) (formerly MAT 310)
MAT 316 Numerical Analysis (3)

**Minor in Radio/Television/Film**
Students wishing to minor in Radio/TV/Film should have completed at least 30 credit hours with a minimum CGPA of 2.0. The Minor requirements are as follows:
CMD 120 Writing for the Mass Media
CMD 115 Basic Photography & Videography CMD 223 Foundations of Broadcasting CMD 326 Radio, Film & TV Production CMD 328 Multimedia Graphics Design CMD 444 Cinematography

**Minor in Writing**
A minor in Writing recognizes the power the craft holds in shaping the social, cultural and political discussions of a democratic society. It serves the needs of a diverse and professionally driven community.

Students must complete six (6) courses (18 credits) selected from the following:
WRI 300 Writing in the Disciplines (3)
WRI 320 Introduction to Creative Writing (3)
WRI 321 Preparation of Written and Oral Reports (3)
WRI 401 Writing Workshop (3)
WRI 420 Independent Study in Writing (3)
ENG 301 Introduction to the Study of Language (3)
ENG 330 Language and Politics (3)

Three (3) courses in journalism and media writing; students are encouraged to consult with their Chair for more information.
CMDXXX (3)
CMDXXX (3)
CMDXXX (3)
Minor in Globalization Studies

The Globalization Studies program focuses on developing a multidisciplinary understanding of the history, characteristics, impact and implications of globalization. Examples of such effects might include (but are not limited to) the effects of the movement of capital and people, transnational social trends, the social or political outcomes resulting from global production networks and value chains, the geopolitics of demand and supply of oil and other key commodities, environmental concerns driven by global climate change, or social justice issues related to regional conflicts and resultant refugee migration patterns. The program is designed to develop in undergraduates an understanding of the relationship between local and global issues, insight into human differences and similarities, the ability to go beyond an ethnocentric view of others, and to foster global citizenship.

Under this program, students will spend two semesters in any two alliance universities. They will also choose specified courses that meet program learning outcomes. Globalization Studies involves both course-based and experiential learning in a transnational context. On successful completion, Students earn a Minor in Globalization Studies in addition to their Majors. Interested students should obtain an Expression of Interest form from the Study Abroad Office or email: studyabroad@aun.edu.ng.
SCHOOL OF BUSINESS AND ENTREPRENEURSHIP (SBE)

SBE AT A GLANCE
The School of Business & Entrepreneurship (SBE) runs the following NUC-approved undergraduate & graduate programs:

i. BSc. Accounting,
ii. BSc. Business Administration,
iii. BSc. Entrepreneurship Management,
iv. BSc. Finance
v. BSc. Marketing.
vi. PGDM- Postgraduate Diploma in Management
vii. MBA - Masters of Business Administration
viii. MSc. Business Administration.
ix. Ph.D. Business Administration.

SBE adheres to the best of American style liberal arts education, while meeting the requirements of the National Universities Commission (NUC) of Nigeria and other national and international accreditation bodies.

SBE’s broad-based education allows students considerable freedom in their choice of programs/courses. Specifically, it includes a general education requirement that encourages critical thinking, freedom of inquiry and expression, and integrity through exposure to the physical sciences, the arts, social sciences, entrepreneurship, and the use of technology. Other components include outreach by faculty, students and staff to local communities in service learning, community service, civic engagement, entrepreneurship, sports and cultural activities. One-on-one interaction between faculty and students is a major plank of the SBE’s style of university education.

SBE IN A DEVELOPMENT UNIVERSITY
AUN is a Development University. This means that our knowledge is applied in solving the myriad of problems in our society. Therefore, SBE engages in teaching, research and community service activities that help students understand and solve the business problems confronting our communities. In SBE, we seek to create an environment that develops students who are problem solvers, to coach and mentor students to readily recognize opportunities and/or needs, and to galvanize stakeholders into action to improve peoples’ lives. To SBE, “development” means a commitment to help communities achieve equitable and sustainable prosperity for all. The broad-based academic programs and research in SBE generate knowledge and innovation transferrable to the local communities for growth and development in such areas as financial literacy and entrepreneurship culture.

ADMISSION REQUIREMENTS FOR GRADUATE PROGRAMS IN SBE

Postgraduate Diploma in Management (PGDM):
Duration: Up to 18 months:
Candidates seeking admission into this program MUST possess any of the following qualifications from recognized universities or institutions of higher learning:
   i. First degrees in non-business related disciplines.
   ii. Higher National Diploma (HND) in any discipline.

Master of Business Administration (MBA):
Duration: Up to 24 months:
Candidates seeking admission into this program MUST possess any of the following qualifications from recognized universities:
i. First degrees in business-related disciplines with not less than 2nd class honors.
ii. PGDM certificates with CGPA of not less than 2.5 on a 4-point scale OR 3.0 on a 5-point scale.

**Master of Science (MSc.) in Business Administration:**
Duration: Minimum of 18 months; Maximum of 36 months.
Candidates seeking admission into this program MUST possess first degrees in business-related disciplines (with not less than 2nd class honors) from recognized universities.

**Doctor of Philosophy (PhD) in Business Administration:**
Duration: Minimum of 36 months; Maximum of 60 months:
Candidates seeking admission into this program MUST possess any of the following qualifications from recognized universities:
   i. MSc. in Business Administration or any business-related discipline with not less than CGPA of 3.5 on a 4-point scale OR 4.0 on a 5-point scale.
   ii. MBA with CGPA of 3.5 on a 4-point scale OR 4.0 on a 5-point scale, in addition to having first degrees (not below second class honors) in business-related disciplines.

**UNDERGRADUATE PROGRAMS IN SBE**

**MAJOR PROGRAMS**
The School of Business and Entrepreneurship offers the following degree programs and provides each student the opportunity to concentrate/specialize in a specific area:
- B.Sc. Accounting
- B.Sc. Business Administration
- B.Sc. Entrepreneurship Management
- B.Sc. Finance
- B.Sc. Marketing

The Bachelor of Science degree programs are designed to provide students with the requisite knowledge to pursue managerial careers in a competitive and challenging private business environment, public sectors, non-governmental sectors, as well as in new start-ups. The Bachelor of Science degrees provide a general business body of knowledge which covers the six core business areas: Accounting, Finance, Marketing, Management, Statistics/Quantitative Analysis and Economics.
Graduates of the School of Business and Entrepreneurship are prepared to pursue careers in accounting, marketing, consulting, commercial and investment banking, central banking, and treasury management, among many others and also to join startups or start their own businesses.

**Bachelor of Science Degree Program Requirements**
All SBE students must complete the University wide required General Education Program requirements. These courses are designed to give the student broad coverage in writing and reading courses in English, Mathematics, Arts and Humanities, Social and Behavioral Sciences, World Civilizations, Information Technology, Natural and Physical Sciences.

**Degree Requirements**
In addition to the General Education Program requirements, the Bachelor of Science degree in any of the programs requires 48 credit hours of core courses. Listed below are the core courses:
- ACC 201: Principles of Financial Accounting (3)
- ACC 202: Principles of Managerial Accounting (3)
- ENT 201: Entrepreneurship (3)
- FIN 201: Business Finance (3)
MGT 201: Principles of Management (3)
MGT 301: Organizational Behavior (3)
MGT 360: Business Ethics and Social Responsibility (3)
MGT 406: Business Policy & Strategy (3)
MKT 201: Principles of Marketing (3)
BLW 301: Business Law I (3)
WRI 321: Preparation of Written and Oral Reports (3)
QBA 201: Quantitative Business Analysis (3)
QBA 202: Operations Management (3)
QBA 411: Research Methodology (3)
QBA 412: Research Project (3)
QBA 465: Business Analytics and IT (3)

In addition to the above core business required courses, majors in any of the five programs are required to complete additional credit hours of courses selected from their chosen program within the business programs. Listed below are the required courses for each program:

**Bachelor of Science (BSc.) Accounting Program**

To major in Accounting, students are required to successfully complete the courses listed below:

ACC 301: Intermediate Financial Accounting I (3)
ACC 302: Intermediate Financial Accounting II (3)
ACC 303: Cost Accounting (3)
ACC 306: Taxation I (3)
ACC 401: Advanced Financial Accounting (3)
ACC 410: Auditing (3)
ACC 403: International Accounting (3)
FIN 310: Financial Statements Analysis (3)

Additionally, at least 6 credit hours can be selected from the list below:

ACC 402: Accounting Information System (3)
ACC 404: Public Sector Accounting (3)
ACC 405: Consolidated Accounting (3)
ACC 406: Taxation II (3)
BLW 302: Business Law II (3)
FIN 340: Corporate Finance (3)
## FOUR YEAR PLAN: Bachelor of Science (B.Sc.) Accounting

### FIRST YEAR

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**Third Year**

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## Bachelor of Science (B.Sc.) Entrepreneurship Management Program

To major in Entrepreneurship Management, students are required to successfully complete the courses listed below:

- ENT 325: Social Entrepreneurship (3)
- ENT 328: Innovation for a Sustainable Society (3)
- ENT 340: Entrepreneurial Sales & Marketing (3)
- ENT 430: Financing Entrepreneurial Ventures (3)
- ENT 440: Managing a Growing Business (3)
- MKT 301: Consumer Behavior (3)
- MKT 401: Marketing Strategy (3)

Additionally, at least 6 credit hours can be selected from the list below:

- ENT 320: Technology Entrepreneurship (3)
- ENT 326: Microfinance and Economic Development (3)
- ENT 345: Entrepreneurship Innovation (3)
- ENT 426: Social Entrepreneurship Research (3)
- FIN 310: Financial Statements Analysis (3)
- MGT 300: International Business (3)
- MGT 380: Project Management (3)
- BLW 302: Business Law II (3)
## FOUR YEAR PLAN: Bachelor of Science (B. Sc.) Entrepreneurship Management

### First Year

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Bachelor of Science (B. Sc.) Finance Program

To major in Finance, students are required to successfully complete the courses listed below:
FIN 310: Financial Statements Analysis (3)
FIN 320: Financial Institutions and Markets (3)
FIN 330: Security Analysis (3)
FIN 340: Corporate Finance (3)
FIN 401: International Financial Management (3)
FIN 420: Portfolio Management (3)
FIN 440: Corporate Valuation and Financial Strategy (3)

Additionally, at least 6 credit hours can be selected from the list below:
ACC 301: Intermediate Financial Account I (3)
ACC 306: Taxation I (3)
ACC 406: Taxation II (3)
BLW 302: Business Law II (3)
ECO 310: Intermediate Microeconomics (3)
ECO 320: Intermediate Macroeconomics (3)
ECO 350: International Trade (3)
ECO 331: Econometrics I (3)
FIN 402: Derivative Securities (3)
FIN 444: Bank Management (3)
FIN 430: Financial Modeling (3)
FIN 450: Cases in Corporate Finance (3)

FOUR YEAR PLAN: Bachelor of Science (B. Sc.) Finance

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Bachelor of Science (B.Sc.) Marketing Program
To major in Marketing, students are required to successfully complete the courses listed below:

MKT 301: Consumer Behavior (3)
MKT 302: Marketing Research (3)
MKT 303: Integrated Marketing Communication (3)
MKT 304: Sales Management (3)
MKT 305: Logistics and Supply Chain Management (3)
MKT 401: Marketing Strategy (3)
MKT 402: International Marketing (3)

Additionally, at least 6 credit hours can be selected from the list below:
BLW 302: Business Law II (3)
ECO 310: Intermediate Microeconomics (3)
ENT 320: Technology Entrepreneurship (3)
ENT 328: Innovation for a Sustainable Society (3)
FIN 310: Financial Statements Analysis (3)
MGT 300: International Business (3)
MGT 380: Project Management (3)
# FOUR YEAR PLAN: Bachelor of Science (B.Sc.) Marketing

## First Year

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### Bachelor of Science (B.Sc.) Business Administration Program

To major in Business Administration, students are required to successfully complete the courses listed below:

- MGT 300: International Business (3)
- MGT 302: Managing Human Resources (3)
- MGT 380: Project Management (3)
- MGT 405: Leadership and Motivation (3)
- ACC 303: Cost Accounting (3)

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ENT 440: Managing a Growing Business (3)
MKT 402: International Marketing (3)

Additionally, at least 6 credit hours can be selected from the list below:
BLW 302: Business Law II (3)
ECO 310: Intermediate Microeconomics (3)
ENT 320: Technology Entrepreneurship (3)
FIN 310: Financial Statements Analysis (3)
FIN 320: Financial Institutions & Markets (3)
FIN 340: Corporate Finance (3)
MKT 301: Consumer Behavior (3)
MKT 401: Marketing Strategy (3)

FOUR YEAR PLAN Bachelor of Science (B. Sc.) Business Administration
First Year

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Semester  Course Code  Course Title  Credit  Pre-  Fulfills
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  CDV 2XX   | Any (CDV 208, 209) | 3            | MAT 110 | GENED      |
  ENT 201   | Entrepreneurship | 3            | ENT 101 & Sophomore | MAJOR  |
  MKT 201   | Principles of Marketing | 3            | WRI 102 | MAJOR      |
  STA 101   | Introduction to Research & Statistical Methods | 3            | None | GENED      |
  ACC 201   | Principles of Financial Accounting | 3            | MAT 110 | MAJOR      |
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## MINOR PROGRAMS

SBE offers the following minor programs that may be earned in addition to a major degree awarded at the end of the student’s undergraduate program. Students wishing to obtain a minor are advised to contact their Chair.

### ACCOUNTING MINOR

ACC 301: Intermediate Financial Accounting I (3)
ACC 302: Intermediate Financial Accounting II (3)
ACC 303: Cost Accounting (3)
ACC 306: Taxation I (3)
ACC 410: Auditing (3)

Additionally, students MUST complete one (1) of the following courses:
ACC 401: Advanced Financial Accounting (3)
ACC 403: International Accounting (3)
ACC 404: Public Sector Accounting (3)
ACC 406: Taxation II (3)

### FINANCE MINOR

To minor in Finance, students MUST complete the following courses:
FIN 320: Financial Institutions and Markets (3)
FIN 330: Securities Analysis (3)
FIN 340: Advanced Corporate Finance (3)
FIN 401: International Financial Management (3)
FIN 405: Cases in Corporate Finance (3)
Additionally, students MUST complete one (1) of the following courses:
FIN 402: Futures and Option/Derivative Securities (3)
FIN 440: Corporate Valuation and Financial Strategy (3)
FIN 444: Bank Management (3).

MARKETING MINOR
To minor in marketing, Students MUST complete the following courses:
MKT 301: Consumer Behavior (3)
MKT 302: Marketing Research (3)
MKT 303: Marketing Communication (3)
MKT 304: Sales Management (3)
MKT 401: Marketing Strategy (3).

Additionally, students MUST complete one (1) of the following courses:
MKT 305:
Logistics and Supply Chain Management (3)
MKT 402: International Marketing (3)
ENT 328: Innovation for a Sustainable Society (3)

BUSINESS ADMINISTRATION MINOR
To minor in Business Administration, students MUST complete the following courses:
MGT 302: Managing Human Resources (3)
MGT 360: Business Ethics and Social Responsibility (3)
MGT 380: Project Management (3)
MGT 406: Business Policy and Strategy (3)
MGT 405: Leadership and Motivation (3)

Additionally, students MUST complete one (1) of the following courses:
BLW 302: Business Law II (3)
FIN 310: Financial Statements Analysis (3)
FIN 320: Financial Institutions & Markets (3)
FIN 340: Corporate Finance (3)
MGT 300: International Business (3)

ENTREPRENEURSHIP MANAGEMENT MINOR
To minor in Business Administration, students MUST complete the following courses:
ENT 201: Entrepreneurship (3)
ENT 320: Technology Entrepreneurship (3)
ENT 328: Innovation for a Sustainable Society (3)
ENT 340: Entrepreneurial Sales and Marketing (3)
ENT 430: Financing Entrepreneurial Ventures (3)

Additionally, students MUST complete one (1) of the following courses:
ENT 325: Social Entrepreneurship (3)
ENT 326: Microfinance and Economic Development (3)
ENT 345: Entrepreneurial Innovation (3)
ENT 440: Managing a Growing Business (3).
MGT 380: Project Management (3)
SCHOOL OF INFORMATION TECHNOLOGY AND COMPUTING (SITC)

The School of Information Technology & Computing (SITC) is a flagship school and an important pillar in AUN’s mission as a Development University. Currently we offer the following undergraduate degree programs:

- B.Sc. in Computer Science
- B.Sc. in Software Engineering
- B.Sc. in Information Systems
- B.Sc. in Telecommunications & Wireless Technologies

We also offer a minor in Information Management & Technology – an important concentration of our Information Systems Major. This is tailored to support students of other majors such as in the Schools of Business and Arts and Science where IT skills can make all the difference in the student’s career path.

Minor in Information Management & Technology
With the all-important role that computers and IT play in today’s work place, this minor provides students with a distinctive edge and opportunity to differentiate themselves from their peers in the marketplace from day one. It offers a balanced combination of traditional IT and analytics.

Required Courses (12 Credits)
- INF 102 Information Technologies – 3 Credits
- INF 201 Introduction to Information-Based Organizations – 3 Credits
- INF 361 Information Analysis of Organizational Systems – 3 Credits
- INF 465 Information Technology and Business Analytics – 3 Credits
- CIE 231 Introduction to Database Management & Web Applications – 3 Credits
- CIE 302 Operating Systems Administration – 3 Credits
- CIE 321 Managing Information Systems Projects – 3 Credits
- CIE 333 Introduction to Computer Networking – 3 Credits

Electives (6 credits)
Select two other information management and technology courses, preferably from one or more of the information management and technology concentrations.

The School offers the following 2 Executive Masters programs every Summer session:
- Executive Masters in Information Technology
- Executive Masters in Telecoms & Wireless Technology

Following a recent NUC approval for new graduate programs, the following new graduate programs launched in Fall 2015:
- M.Sc. in Computer Science
- Ph.D. in Computer Science
- M.Sc. in Information Systems (with concentrations including a joint Masters in Information Systems Security Management)
- Ph.D. in Information Systems

The general philosophy of our computing degree programs is to produce computer science graduates who are not just ready for the growing pool of careers in the field but who can leverage and adapt computing
technology to the needs of Nigeria and the Sub-Saharan Africa region, and continue to expand the frontiers of the field through relevant research and practice.

In the ten years of operation since AUN was launched, the School has earned its place already as a leader in ICTs in Nigeria and the Sub-Saharan Africa region. Many of our graduates have gone on to complete Masters and PhD programs from such world-class universities as Carnegie Mellon, Columbia, Georgetown in DC, Alberta University in Canada, Osaka University in Japan and South-bridge in South Korea. A good number of graduates from SITC are entrepreneurs in the IT industry in Nigeria running their own IT companies as CEOs. The School boasts a world-class expatriate faculty and an IT and Internet infra-structure not found in any other university in Nigeria. We are poised to become that one-stop shop and center of excellence for computing degree programs including the all-important area of Telecoms and Wireless.

  • Computer software engineering is one of the occupations projected to grow the fastest and add the most new jobs over the 2006-16 decade.
  • Excellent job prospects are expected for applicants with at least bachelor’s degree in computer engineering or computer science and with practical work experience.
  • Computer software engineers must continually strive to acquire new skills in conjunction with the rapid changes that occur in computer technology”.

Graduates of the AUN computing programs will be prepared for careers in Computer Science, Software Engineering, Information Systems and the general IT and Telecoms area. Some of the possible job titles our graduates can expect to hold include:
  • Programmer
  • Systems Analyst
  • Security Analyst
  • Software Developer
  • Web Developer
  • Software Consultant
  • Systems Administrator (DBA, network administrator, deployer)
  • Software Consultant
  • Software Engineer
  • Systems Architect
  • Information Technology Specialist
  • IT Project Manager
  • Systems Engineer
  • IT & Telecoms Trainer
  • IT Director
  • Computer Scientist
  • Mobile/Telecommunication Operator, e.g. MTN, NITEL, NTA, NOKIA, AUN, etc.

They can also expect to contribute in:
  • Consulting Engineering Firms
  • Engineering Sales
Bachelor of Science (B.Sc.) in Computer Science
The SITC B.Sc. Program in Computer Science is designed with core courses that provide breadth and depth in the field, along with a strong theoretical component as a foundation for good software engineering and information systems. The program includes courses in the sciences and mathematics; general education requirements in the humanities and an in-depth sequence of specialized computer courses.

The program provides a balance of both theory and practice in core courses covering both software and hardware through integrated lectures, laboratory sequences and individual and group projects often with direct application in the community or region. The curriculum is very flexible and provides students opportunities for concentration in specific areas of interest through their choice of appropriate CSC and/or software engineering electives. The distribution of courses includes the fundamentals needed by every computer scientist. As the software industry evolves in Sub-Saharan Africa, practitioners are increasingly expected to build reliable systems for mission and life-critical applications that are affordable and applicable within the context of developing economies. Such professionals distinguish themselves with a solid mathematical and computer science foundation, mastery of emerging software tools and methods, knowledge of the cultural context and experience in collaborative work on large projects. The SITC curriculum is designed to prepare our students in all these areas.

The ubiquitous nature of computing in everyday life means that computer science graduate can today pursue careers in just about any area of human endeavor. Some examples include: using technology to connect rural communities, computational biology and chemistry, financial computing, scientific computing, etc. Computer science graduates may also opt to further their studies, in which case they can pursue graduate studies (Masters & PhDs) in Computer Science, Software Engineering and related disciplines such as IT, Information Systems, the discrete engineering fields such as electronic and electronic engineering and the more general engineering field such as Systems Engineering.

Degree Requirements
Computer Science majors are required to successfully complete the core courses outlined below:

- CIE 105: Principles of Programming I (3)
- CIE 106: Principles of Programming II (3)
- SEN 301: Introduction to Software Engineering (3)
- CSC 202: Data Structures & Algorithms (3)
- CSC 213: Discrete Structures (3)
- CSC 214: Logic in Computer Science (3)
- CIE 231: Introduction to Databases, Web Technologies & Applications (3)
- CSC 232: Computer Organization & Architecture (3)
- CSC 301: Systems Programming (3)
- CIE 302: Principles of Operating Systems (3)
- CSC 306: Object-Oriented Analysis & Design (3)
- CSC 364: Design & Analysis of Algorithms (3)
- CSC 384: Principles of Database Systems (3)
- CSC 434: Theory of Computation (3)
- CSC 456: Design of Web-based Systems (3)
- SEN 400: Software Engineering Professional Ethics (3)
- CSC 407: Programming Languages (3)
- CSC 490: Senior Design Project (3)
Computer Science majors are also required to successfully complete following seven (7) courses (23 credits) outlined below:

- PHY 205: University Physics I (4)*
- PHY 206: University Physics II (4)*
- MAT 210: Calculus I (3)^* (formerly MAT 121)
- MAT 211: Calculus II (3) (formerly MAT 210)
- MAT 312: Linear Algebra (3) (formerly MAT 212)
- ECO 101: Introduction to Economics (3)*

After initial assessment (i.e. Freshman Math Placement Exam), students may be required to begin with Pre-calculus or University Algebra. Computer Science majors who are placed in University Algebra are strongly recommended to complete a CIE 101 (Programming Logic). This course (CIE 101) will prepare students for the rigorous coursework required in the degree program. Prerequisites for all courses are strictly enforced.

*These courses can be used to satisfy both major and general education requirements.

**Major Electives (6 credits)**

In addition to the requirements listed above, Computer Science students must successfully complete 6 credits of major electives. Those students who are interested in specific areas in the discipline have the following set of major electives from which to choose depending on their career needs and personal interests. Options for specialization include but are not limited to financial computing, scientific computing, computational chemistry and biology, game design, computer network and object-oriented software development. Please note that these specializations are merely suggested foci, as concentrations in the Computer Science and do not appear on degree certificates. The major electives are listed below:

- ACC 201: Principles of Financial Accounting (3)
- ACC 202: Principles of Managerial Accounting (3)
- STA 301: Probability and Statistics (3)
- CIE 321: Information Technology Project Management (3)
- CIE 333: Data & Computer Communications (3)
- CSC 201: Introduction to Unix (3)
- CSC 314: Discrete Structures II (3)
- CSC 437: Interactive Computer Graphics (3)
- CSC 470: Numerical Analysis (3)
- CSC 438: Internet and Web Technologies (3)
- CSC 453: Advance Database Systems (3)
- CSC 465: Artificial Intelligence (3)
- CSC 485: Advanced Object-Oriented Analysis and Design (3)
- CSC 480: Logic in Computer Science II (3)
- CSC 495: Guided Studies in Computer Science (3)
- CSC 468: Foundations of Cryptography
- INF 474: Internetworking & TCP/IP (3)
- MAT 410: Differential Equations (4) (formerly MAT 310)
- MAT 316: Numerical Analysis (4)
- SEN 301: Introduction to Software Engineering (3)
- SEN 406: Technical Report Writing (3)
- SEN 469: Software Testing, Verification & Validation (3)
# 4 Year Study Guide for Bachelor of Science in Computer Science

## First Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisites</th>
<th>Fulfills</th>
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<td>MAT 112*</td>
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<td>CIV 101</td>
<td>African Civilization</td>
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## Second Year

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<td>MAJOR</td>
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<td>CIE 231</td>
<td>Introduction to Databases, Web Technologies &amp; Applications</td>
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## Third Year

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<th>Fulfills</th>
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<td>CSC 364</td>
<td>Design &amp; Analysis of Algorithms</td>
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<td>CSC 202</td>
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<td>CIE 302</td>
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<td>CSC 384</td>
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<td>CSC 202 &amp; CIE 231</td>
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</table>

### Spring

|      | SEN 406     | Technical Report Writing (MAJ AD ELEC) | 3            | WRI 102       | MAJOR    |
|      | CSC 301     | Systems Programming                   | 3            | MAT 210 & CIE 106 | MAJOR |
|      | SEN 301     | Introduction to Software Engineering   | 3            | CIE 231       | MAJOR    |
|      | PHI 300     | Ethics and Leadership (A&H-1)          | 3            | JNR           | GENED    |
|      | MAT 312     | Linear Algebra                         | 3            | MAT 211       | MAJOR    |
|      | GEN 103     | Arts and Humanities Course (A&H-2)     | 3            |               | GENED    |

**Totals** 18

## Fourth Year

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<th>Fall</th>
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<th>Course Title</th>
<th>Credit Hours</th>
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<td></td>
<td>CSC 407</td>
<td>Programming Languages</td>
<td>3</td>
<td>CIE 106 &amp; CSC 202</td>
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<td>Object-Oriented Software Construction</td>
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<td>A&amp;H-3 XXX</td>
<td>Arts and Humanities (Any of the Languages)</td>
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<td>CSC 490</td>
<td>Senior Design Project</td>
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<td>SNR &amp; SEN 406</td>
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<td>MAE XXX</td>
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**Totals** 15
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<th>Spring</th>
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<tr>
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<td>CSC 434</td>
<td>Theory of Computation</td>
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<td>CSC 407</td>
<td>MAJOR</td>
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<td>CSC 456</td>
<td>Design of Web Based Systems</td>
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<td><strong>Totals</strong></td>
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**Bachelor of Science (B.Sc.) in Information Systems**

The Information Systems program provides students with a solid foundation in information technology principles and practice. The emphasis is on applications of information technology rather than the computer and/or computing mechanisms per se. The core courses for the information systems major include programming, computer architecture, operating systems, data communication, systems analysis and design, database applications, and project management. Students also take courses in statistics, operations management, IT organizations and financial systems. The Information Systems program also provides the opportunity for students to combine their technical IT courses with general business course requirements from the School of Business and Entrepreneurship.

Each graduate of the program should be able to analyze, design and implement high quality software solutions to “real life” problems; orally present developed software projects; develop software solutions completely observing professional and engineering/cultural ethical obligations; function effectively in team-oriented cooperative work; pursue independent continuous learning; and have a solid background in basic IS Knowledge.

There are five (5) main concentration areas in the Information Systems major: Applied Networking, Database and Web Database, Information Security and Assurance, Management Information Systems and Software Applications Development.

Students may also decide to pursue a general B.Sc. degree in Information Systems with no concentration by selecting appropriate courses of interest from the concentration areas. The major is designed to prepare students for professional careers in the discipline of Information Systems/Technology. Through required and elective courses and a concentration, students will be prepared for career positions such as:

- Application Programmers
- Systems Analysts
- Software Analysts
- Network Analysts
- Security Analysts
- Information Security Professionals
- Database Analysts
- Database Administrator
• Network Administrator
• IT Project Manager
• IT Consultant
• Application Support Specialist
• Network Integration Specialist
• Client/Server Analysts
• Project Technologist

The curriculum prepares students for top notch graduate study in IT, business and other related fields. The ubiquitous nature of computing in everyday life and other professions means that graduates of our IS program can also pursue careers in other application areas needing computing skills.

Degree Requirements
In addition to the General Education requirements, Information Systems majors are required to successfully complete the courses listed below:

- CIE 105: Principles of Programming I (3)
- CIE 106: Principles of Programming II (3)
- CIE 231: Introduction to Databases, Web Technologies and Applications (3)
- CIE 302: Principles of Operating Systems (3)
- CIE 321: Information Technology Project Management (3)
- CIE 333: Data & Computer Communications (3)
- INF 102: Software Applications (3)
- INF 201: Principles of Information Systems (3)*
- INF 206: Information Technology System Hardware and Software (3)
- INF 260: Systems Analysis and Design (3)
- INF 351: Information Security and Auditing (3)
- INF 341: Enterprise Integration (3)
- INF 361: Process Modeling and Solution: Blueprinting (3)
- INF 402: Information Technology for Development (3)*
- INF 490: Intro to Business Dynamics (3)
- INF 491: Senior Design Project (3)
- SEN 406: Technical Report Writing (3)
- MGT 201: Principles of Management (3)
- STA 101: Introduction to Research & Statistical Methods (3)
- QBA 202: Operations Management (3)
- MAT 110 University Algebra (3)
- SCI I: Natural and Physical Science with Lab (4)  SCI II: Natural and Physical Science (3) ECO 101: Introduction to Economics (3)*

*These courses can be used to satisfy both major and general education requirements. Prerequisites are strictly enforced.

Information Systems Concentration Areas
Information Systems students are required to complete (12) credit hours in one of the five (5) concentration areas of the majors listed below. Students can also elect to declare their concentration area as 'Generic' and complete nine (9) credits from any of the concentrations listed below. A student’s concentration area will be indicated in his or her diploma. The concentration areas are as follows:
Applied Networking
  INF 472: LAN Administration (3)
  TEL 310: Fundamentals of Wireless Communication (3)
  INF 450: Advanced Programming (3)
  INF 461: Information Systems Planning (3)

Software Applications Development
  INF 302: Program Development and Implementation (3)
  INF 451: Java Support for E-Business (3)
  INF 461: Information Systems Planning (3)
  INF 465:
  INF 478: Advanced Application Development (3)
  Any Advised Programming Courses (3)

Information Security and Assurance
  INF 310: Principles of Information Security Assurance (3)
  INF 301: Security Systems Programming (3)
  INF 320: Applications in Information Security and Assurance (3)
  INF 330: Policy & Administration in Information Security & Assurance (3)
  INF 333: Unix System Administration and Security (3)
  INF 335: Computer Forensics (3)
  INF 353: Database Security (3)
  INF 403: Information Resource Management (3)
  INF 415: Telecommunications and Network Security (3)
  INF 421: Security Architecture and Models (3)
  INF 422: Server Operating System Security (3)
  INF 423: Access Control Systems and Methodology (3)

Database & Web Database
  INF 331: Database Analysis and Design (3)
  INF 353: Database Security (3)
  INF 431: Database Systems (3)
  INF 461: Information Systems Planning (3)
  INF 488: Data Administration (3)
  INF 489: Information Resource Management (3)

Management Information Systems (MIS)
  ACC 201: Principles of Financial Accounting (3)
  ACC 202: Principles of Managerial Accounting (3)
  FIN 201: Fundamentals of Financial Management (3)
  MGT 201: Principles of Management (3)
  MKT 201: Principles of Marketing (3)
  BLW 301: Business Law (3)
First Year (32 Credit Hours)

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<td>CIE 105</td>
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Second Year (30 Credit Hours)

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<tr>
<td></td>
<td>STA 101</td>
<td>Introduction to Research &amp; Statistical Methods</td>
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<td>Systems Analysis and Design</td>
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<td>ECO 101</td>
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<td>INF 206</td>
<td>IT Systems: Hard and Software</td>
<td>3</td>
<td>INF 201</td>
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<td>CIE 231</td>
<td>Introduction to Databases, web Technologies and Applications</td>
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<td>MGT 201</td>
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<td>INF 351</td>
<td>Information Security and Assurance</td>
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<td>PHI 300</td>
<td>Ethics and Leadership</td>
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<td></td>
<td>CIE 333</td>
<td>Data and Computer Communications</td>
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<td>MAJOR</td>
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<td></td>
<td>CIE 321</td>
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<td>INF 260</td>
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<td>Technical Report Writing</td>
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### Fourth Year (30 Credit Hours)

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<tr>
<td><strong>Fall</strong></td>
<td>INF 341</td>
<td>Enterprise Integration</td>
<td>3</td>
<td>INF 260</td>
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<tr>
<td></td>
<td>QBA 202</td>
<td>Production &amp; Operations Management</td>
<td>3</td>
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<tr>
<td></td>
<td>INF 361</td>
<td>Process Modelling and Solution Blueprinting</td>
<td>INF 260</td>
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<td><strong>Spring</strong></td>
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<td>INF 402</td>
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<td>INF 490</td>
<td>Intro to Bus Dynamics: Systems Thinking and Modeling for a Complex World</td>
<td>3</td>
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<td>Senior Design Project</td>
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**Overall 125 Credit Hours**

* Total General Education Requirement Credits = 52 Credit Hours; Major Requirements 69 Credit Hours and Free Electives= 6 Credit hours. Total credit hours required to Graduate = 121
Bachelor of Science (B.Sc.) in Software Engineering

Software Engineering is the application of engineering concepts, techniques and methods to the development of mission-critical software systems. The software engineering major builds on the computer science major with advanced course work in software architecture and design, software metrics, verification and validation, requirements analysis and specification and the software engineering process. The goal of our software engineering program is to develop technical professionals who can develop and deliver software systems that are reliable, cost effective and adaptable to developing country environments. Computer science supplies the theoretical and technical basis in the fundamentals of computing in such areas as principles of programming, algorithms, data structures, databases and programming languages.

Graduates of our software engineering program will be prepared for careers requiring skills in the design, implementation and testing of a variety of software systems. They will also be equipped with requirements analysis and product and process measurement and will be able to contribute hugely in any software development project with flexible roles.

Graduates of the AUN Software Engineering program are expected to be ready for the growing software & IT industry. Some of the possible job titles our graduates can expect to hold include:

- Programmer
- Systems Analyst
- Software Developer
- Web Developer
- Software Consultant
- Systems Administrator (DBA, network administrator, deployer)
- Software Consultant
- Software Engineer
- Systems Architect
- Information Technology Specialist
- IT Project Manager
- Systems Engineer
- IT Director

Degree Requirements

In addition to the General Education requirements, Software Engineering majors are required to successfully complete the courses listed below:

- CIE 105: Principles of Programming I (3)
- CIE 106: Principles of Programming II (3)
- CIE 231: Introduction to Databases, Web Technologies & Applications (3)
- CIE 302: Principles of Operating Systems (3)
- CIE 321: IT Project Management (3)
- CSC 102: Introduction to Computer Science (3)
- CSC 202: Data Structures & Algorithms (3)
- CSC 213: Discrete Structures (3)
- CSC 214: Logic in Computer Science (3)
- CSC 232: Computer Organization & Architecture (3)
- CSC 384: Principles of Database Systems (3)
- SEN 301: Introduction to Software Engineering (3)
- SEN 306: Object-Oriented Software Construction (3)
SEN 312: User Interface Design (3)
SEN 400: Software Engineering Professional Ethics (3)
SEN 405: Software Requirements Analysis & Specification (3)
SEN 406: Technical Report Writing (3)
SEN 415: Software Testing & Quality Assurance (3)
SEN 416: Software Design & Architecture (3)
SEN 490: Software Engineering Capstone Project (3)

Software Engineering majors are also required to successfully complete the following seven (7) courses (23 credits) outlined below:

PHY 131: College Physics I (4)*
PHY 132: College Physics II (4)*
MAT210: Calculus I (3)* (formerly MAT 121)
MAT211: Calculus II (3) (formerly MAT 210)
MAT 312: Linear Algebra (3) (formerly MAT 212)
ECO 101: Introduction to Economics (3)*
STA 301: Probability & Statistics II (3)*

After initial assessment (i.e. Freshman Math Placement Exam), students may be required to begin with Pre-calculus or University Algebra. Software Engineering majors who are placed in University Algebra are strongly recommended to complete a CIE 101 (Programming Logic). This course (CIE 101) will prepare students for the rigorous coursework required in the degree program.

*These courses can be used to satisfy both major and general education requirements. Prerequisites are strictly enforced.

**Major Electives**

Software Engineering students should consult with their Chairs in selecting elective courses that will augment their program of study and their preparation for careers. Students may choose any two (2) from the list below as major advised electives (6 credit hours). Additionally, Software Engineering students are encouraged to use most of their free elective credits to specialize further in a specific area of software engineering.

SEN 321: Formal Method of Specification in Software Engineering (3)
SEN 408: Software Engineering Processes (3)
SEN 469: Software Testing: Verification & Validation (3)
SEN 470: Engineering Economics (3)
SEN 474: Principles of Information Systems Design (3)
SEN 478: Engineering of Software Sub-Systems (3)
CSC 456: Design of Web-based Systems (3)
CSC 453: Advance Database Systems (3)
CSC 465: Artificial Intelligence (3)
CSC 470: Numerical Analysis (3)
CSC485: Advanced Object-Oriented Analysis (3)
MAT 310: Calculus III (3) (formerly MAT 211)
## Bachelor of Science in Software Engineering

### 4 Years Study Guide

<table>
<thead>
<tr>
<th>First Year</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisites</th>
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<tbody>
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<td>CIE 111</td>
<td>Computing and Applications</td>
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<td>MAT 112*</td>
<td>Pre-Calculus</td>
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<td>AUN 101</td>
<td>Freshman Seminar</td>
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<td>WRI 101</td>
<td>Freshman Composition I</td>
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<td>CIV 101</td>
<td>African Civilization</td>
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| Spring     | CIE 105     | Principles of Programming I         | 3            | CIE 111       |
|            | MAT 210     | Calculus I                          | 3            | MAT 112       |
|            | STA 101     | Introduction to Research & Statistical Methods | 3 | MAT 110      |
|            | WRI 102     | Freshman Composition II             | 3            | WRI 101       |
|            | CIV 102     | Western Civilization                | 3            | CIV 101       |
|            | ENT 101     | Entrepreneurship and Development    | 3            | GENED         |
| Totals     |             |                                     | **18**       |               |

### Second Year

<table>
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<td>CIE 231</td>
<td>Introduction to Databases, Web Technologies &amp; Applications</td>
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<td>A&amp;H-3 XXX</td>
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### Fourth Year

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<tr>
<td></td>
<td>SEN 415</td>
<td>Software Quality Assurance &amp; Testing</td>
<td>3</td>
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<td>Linear Algebra</td>
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<td>SEN 490</td>
<td>Senior Design Project</td>
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<td>MAJOR</td>
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<td>SEN 405</td>
<td>Software Requirements Analysis &amp; Specification</td>
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Bachelor of Science (B.Sc.) in Telecommunication and Wireless Technologies
The SITC B.Sc. Program in Telecommunications & Wireless Technologies is designed with core courses that provide breadth and depth in the field, along with a strong theoretical component as a foundation for a good engineering career. The program includes courses in the sciences and mathematics and an in-depth sequence of specialized computer courses.

The program provides a balance of both theory and practice on core courses covering both software and hardware through integrated lectures, laboratory sequences and individual and group projects often with direct application in the community or region. The distribution of courses includes the fundamentals needed by every telecommunication and wireless engineer. As the telecom and wireless industry evolves in Sub-Saharan Africa, practitioners are increasingly expected to build and maintain reliable systems for mission and life-critical applications that are affordable and applicable within the context of developing economies. Such professionals distinguish themselves with a solid mathematical, computing and engineering foundation, mastery of emerging software tools and methods, knowledge of the cultural context and experience in collaborative work on large projects. The SITC curriculum is designed to prepare our students in all these areas.

Graduates of the AUN telecoms and wireless program will also have the opportunity to earn a Cisco Certified Network Associate (CCNA) certificate and will be prepared for careers in Telecommunication Engineering and the general IT field. Some of the possible job titles our graduates can expect to hold include:

- Mobile/Telecommunication Operators, e.g. MTN, NITEL, NTA, NOKIA, AUN, etc.
- Consulting Engineering Firms
- Information Technology firms
- Engineering Sales
- Ministry of Communications
- Research & Development
- IT Project Manager
- Systems engineer
- IT Director
Telecoms graduates may also opt to further their studies, in which case they can pursue graduate studies (Masters & PhDs) in Telecommunications & Wireless Technologies, and related disciplines such as IT, Information Systems, the discrete engineering fields such as electrical and electronic engineering and the more general engineering field such as Systems Engineering.

Degree Requirements
In addition to the General Education requirements, Telecommunications & Wireless Technology majors are required to successfully complete the major courses outlined below:

- CIE 105: Principles of Programming I (3)
- CIE 106: Principles of Programming II (3)
- CIE 231: Intro to Databases, Web Technologies and Applications
- CIE 321: IT Project Management (3)
- CIE 333: Data and Computer Communications (3)
- CSC 301: Systems Programming (3)
- CSC 202: Data Structures & Algorithms (3)
- CSC 232: Computer Organization & Architecture (3)
- SEN 301: Introduction to Software Engineering (3)
- SEN 406: Technical Report Writing (3)
- TEL 251: Digital Systems and Lab (3)
- TEL 301: Principles of Telecommunication Engineering Theory (3)
- TEL 310: Fundamentals of Wireless Communications (3)
- TEL 331: Telecommunications & Datacom Laws (3)
- TEL 351: Telecommunications Network Security & Auditing (3)
- TEL 360: RF/Microwave Systems Design & Spectrum Management (3)
- TEL 361: Telecommunications Protocols & Technologies (3)
- TEL 472: LAN Administrator (3)
- TEL 474: Introduction to Wireless Broadband Networks (3)
- TEL 480: Telecommunications Management & Control (3)
- TEL 429: Communications Modeling and Simulations (3)
- TEL 490: Senior Design Project/Capstone (3)
- TEL 499: Advances in Communications Network (3)

Telecommunications and Wireless Technology majors are also required to successfully complete the following seven (7) courses (23 credits) outlined below:

- STA 301: Probability & Statistics (3)*
- PHY 205/131: University Physics I (4)*
- PHY 206/132: University Physics II (4)*
- MAT 210: Calculus I (3)^*(formerly MAT 121)
- MAT 211: Calculus II (3) (formerly MAT 210)
- MAT 312: Linear Algebra (3) (formerly MAT 212)
- ECO 101: Introduction to Economics (3)*

^After initial assessment (i.e. Freshman Math Placement Exam), students may be required to begin with Pre-calculus or University Algebra. Telecommunications and Wireless Technology majors who are placed in University Algebra are strongly recommended to complete a CIE 111 (Programming Logic). This course will prepare students for the rigorous coursework required in the degree program.
*These courses can be used to satisfy both major and general education requirements. Prerequisites are strictly enforced.

**Major Electives**

In addition to the requirements listed above, Telecommunication and Wireless Technology students must successfully complete six (6) credits of major electives. Those students who are interested in specific areas in the discipline have the following set of major electives from which to choose depending on their career needs and personal interests. Options for specialization include but are not limited to financial computing, scientific computing, computational chemistry and biology. Please note these specializations are merely suggested foci, as concentrations in the Telecom and Wireless major do not appear on degree certificates. The major electives are listed below:

- INF 472: LAN Administration (3)
- TEL 499: Advances in Communications Network (3)
- SEN 470: Engineering Economics (3)
- TEL 474: Introduction to Wireless Broadband Networks (3)
- CSC 427: Introduction to Artificial Neural Networks (3)
- CSC 201: Introduction to UNIX (3)
- TEL 360: RF/Microwave Systems Design & Spectrum Management (3)
- TEL 351: Network Security and Auditing (3)
- MAT 310: Calculus III (3)
- CIE 231: Introduction to Databases, Web Technologies & Applications (3)
- CSC 202: Data Structures & Algorithms (3)

**Study Guide for Bachelor of Science in Telecommunications & Wireless Technologies**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>Fulfills</th>
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<td><strong>Spring</strong></td>
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<td>CSC 213</td>
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<td>CIE 333</td>
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<td>System Programming</td>
<td>3</td>
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<td></td>
<td>TEL 310</td>
<td>Fundamentals of Wireless Communications</td>
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<td>Digital Systems &amp; Labs</td>
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<td>Network Security &amp; Auditing</td>
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<td>TEL 360</td>
<td>RF/Microwave System Design</td>
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<td>Telecom Protocols, Switching &amp; Routing</td>
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<td>TEL 331</td>
<td>Telecom &amp; Datacom Laws</td>
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<td>TEL 499</td>
<td>Advances in Telecommunications Network</td>
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<td>TEL 490</td>
<td>Senior Design Project / Capstone</td>
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<td>History and Philosophy of Science</td>
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</table>

**Total: 138 Credit Hours**

*Students for this major should be advised that testing into a MAT lower than 112 will add to their credit needs

**MINOR**

SITC offer a Minor in Information Technology & Management – an important concentration of the Information Systems Major. This is tailored to support students of other majors such as in the Schools of Business and Arts and Science where IT skills can enhance and advance most careers.

Students wishing to obtain a Minor are advised to contact their Chair.
SCHOOL OF LAW

The School of Law currently offers only the following approved degree program:
Bachelor of Laws (LL.B Honors)

Philosophy of the Program
The AUN School of Law provides a collaborative environment in which to learn, think, and communicate about law, policy, and justice. Our program is engaged in preparing students for academic pursuits, professional development, enhanced personal lives, and responsible global citizenship; extending the frontiers of knowledge through research, creative efforts, and liberal scholarship; fostering an intellectual culture that merges theory with practice; contributing to social, economic, and cultural development; and, through intellectual productivity, enhancing the quality of life of the people of Nigeria, Africa and all humanity.

The program aligns closely with AUN’s mission as a development university. As an institution focused on creating students who are critical thinkers and problem solvers, the courses in the AUN law program are also focused on some of the most critical problems facing Nigeria and the rest of the world.

Aims and Objectives of the LL.B Degree Program

The main aims and objectives of the degree programme in Law are:

i. To ensure that Law is taught as it exists at any given time, and that every Law student adopts a comparative approach to legal studies bearing in mind that there are many systems of Law currently in operation.

ii. To ensure that students are imbued with a general knowledge and understanding of Law.

iii. To develop in students the intellectual ability to apply research, knowledge and analytical skills to solving theoretical and practical legal problems.

iv. To acquaint students with principles of the judicial process and legal systems, as well as their interaction with socio-economic frameworks.

v. To provide, through training and orientation, an appreciation of the growing relevance of inter-, trans-, cross-, and multi-disciplinary approaches to the solution of complex life problems and the role of law therein.

The program is therefore not designed to make him/her an expert in any specific field of law, but to enable him/her to appreciate what openings and opportunities are available to the law student. Students can then be positioned to make a more sensible choice as to where to move in and pitch their tents in the legal field, where they will specialize by acquiring the necessary and relevant books, skills, insights and experiences, which will guide them successfully through life’s journey in, through, and with the law.

Delivery of the Program
The Bachelor of Laws degree program within the School require the successful completion of course work in the major field of study – Law – in addition to satisfying general education requirements. Students are encouraged to work closely with their advisors in designing their programs of study and to consider electives in the other disciplines available at the AUN that will complement their career objectives.

There are no majors and minors in the School of Law. While there are two departments (namely, Public & International Law, and Private & Public Law), each with a Head of Department, only a single degree of Bachelor of Laws (LL.B) is awarded under the School of Law. The departments of the School only exist for administrative purposes.

To accomplish the objectives of the AUN law program, the Bachelor of Laws (LL.B) program employs a flexible approach that allows students to be taught through a balanced mixture of lectures, tutorials and
clinical methods. Clinical courses (e.g. Moot Court, Trial Advocacy, and Law Clinic) sharpen students’ practical skills, while lectures and tutorials enable students to view the profession from a variety of perspectives.

Classes are taught in state-of-the-art classrooms and the Law Clinic as well as through simulated modules in the well-furnished Moot Court.

Upon completion of all degree requirements, students will receive the Bachelor of Laws (LL.B) Honors degree, without any particular concentration, in accordance with the National Universities Commission (NUC)’s Benchmark Minimum Academic Standards for Undergraduate Programs in Nigerian Universities (BMAS) and the Council of Legal Education (CLE)’s Guidelines.

Career Direction
In embracing the study of law, you will be challenged by one of the oldest and most rewarding professions that has ever been practiced. Legal training develops knowledge of law and lawyering skills, including the capacity to undertake articulate and critical expression. Because of the many factors and indices that distinguish the AUN law program from any other law program in Nigeria, your legal education here opens the door to the practice of law in the public or private sector as well as to a wide range of diverse career opportunities. The list below is not exhaustive:

- Attorney: Advocate (litigation)
- Attorney: Solicitor (non-litigation)
- Magistrate/Judge or Judicial Administrator
- Corporate Lawyer
- Legal Administration Officer
- Legal Risk Manager
- Legal Adviser/Consultant
- Prosecutor/State Counsel
- Alternative Dispute Resolution expert: Arbitrator/Conciliator/Mediator/Negotiator
- Insurance Claims Assessor/Manager
- Legal Academic/Trainer/Educator
- Credit Control Manager
- Human Resources/Industrial Relations Specialist/Manager
- Regulatory Affairs Manager
- Senior Law Enforcement Official (national)
- Senior Law Enforcement Official (international policing)
- Forensic Investigator/Coroner
- Cyberspace Law Regulator/Monitor/Enforcer
- Diplomat/Foreign Affairs Professional
- Maritime, Admiralty and Shipping Advisor
- Air, Aviation and Space Advisor
- Intelligence/Security Advisor
- Legal Officer/Adviser for International Organizations
- Government/Parliamentary Draftsperson
- Estates and Wills Administrator (private or public)
- Ombudsman/Public Complaints Commissioner
- Notary Public/Commissioner for Oaths
- Law Librarian/Legal Information Officer
Concentrations
There are no areas of concentration in the AUN law program and the underlying philosophy of the program is the integration of law with development.

Degree Requirements
To be eligible for the award of an LL.B degree, a candidate must have satisfactorily completed and earned the minimum number of credit hours prescribed for the degree (200 credit hours for candidates admitted through the UME and 167 credit hours for candidates admitted through Direct Entry). This will involve successfully completing the approved compulsory and elective/optional courses of the School and other departments of the University.

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Graduation Requirements: (Compulsory Core Courses and Elective Courses)

**LL.B Major Requirements (109 credits)**

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**ELECTIVE LAW COURSES (48 Credits)** Students choose any 12 courses

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<td>Legal Methods I</td>
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### Second Year (41/45 Credit Hours)

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<td>LAW 205</td>
<td>Nigerian Legal System I</td>
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### Third Year (41 Credit Hours)

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<td>LAW 303</td>
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<td>LAW 305</td>
<td>Criminal Law I</td>
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Fourth Year (38 Credit Hours)

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<td>LAW 403</td>
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<td>LAW 405</td>
<td>Law of Evidence I</td>
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<td>LAW 503</td>
<td>Jurisprudence and Legal Theory I</td>
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<td>Research Methodology and Long Essay I</td>
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**Notes:**

1. Where any other non-LAW elective is required, a student in the LL.B program shall be at liberty to select any elective from any other department in the University, provided that the prerequisite, if any, has been met.
2. Program Chairs and Advisors shall ensure that non-LAW electives are used to satisfy general education requirements.
3. There are no credit-based summer courses in the LL.B program.
ACCOUNTING

ACC 201 Principles of Financial Accounting (3) introduces the principles and concepts underlying financial statements. It also includes an introduction to the accounting profession, control concepts, business entities, and all elements of basic financial statements. Additional sessions consist of discussion and application of the principles and concepts of the course. Prerequisite: MAT 110.

ACC 202 Principles of Managerial Accounting (3) introduces the principles and concepts underlying managerial accounting. It includes an introduction to management accounting information and cost accounting. Prerequisite: ACC 201.

ACC 301 Intermediate Financial Accounting I (3) introduces a two-course sequence that provides an in-depth study of principles and elements associated with financial statements. This includes financial statement analysis, income measurement, valuation of assets and equities, and generally accepted accounting principles. Prerequisites: ACC201 and FIN201.

ACC 302 Intermediate Financial Accounting II (3) focuses on accounting for long-term liabilities, stockholder’s equity, cash flow analysis, and international financial statements. Prerequisite: ACC 301.

ACC 303 Cost Accounting (3) covers the uses of accounting data for planning control and decision-making. Topics include budgets and cost concepts, techniques and behavior. Prerequisites: ACC 202 and FIN 201.

ACC 306 Taxation I (2) introduces a two-course sequence covering law practices and basic principles of income tax relating to individual and partnership business. It also covers general administration of income tax, various types of incomes and bases of assessment and computation of tax liability of business profits and losses, capital allowances and general treatment, organs, and enabling statutes for tax administrations. Prerequisite: ACC 201.

ACC 401 Advanced Financial Accounting (3) covers accounting for royalties, investments, business combinations; consolidated financial statements; segment reporting; foreign operations; partnership accounting; and Securities and Exchange Commission (SEC) procedures. Prerequisite: ACC 302.

ACC 402 Accounting Information Systems (3) integrates technology into accounting. Contemporary accounting has moved from manual to computerized systems. It introduces computerized accounting skills. Other areas covered include: accounting and IT; inputs, processing and output devices; accounting and enterprise software; data bases; and controls, security, privacy and ethics for accounting information systems. Prerequisites: ACC 301 and CIE 111.

ACC 403 International Accounting (3) examines International Accounting Standards; reporting foreign currency transactions and exchange risk, worldwide accounting diversity; international harmonization of financial reporting; techniques to analyze foreign financial statements; strategic accounting issues in multinational corporations; international taxation and auditing issues. Prerequisite: Senior Standing.

ACC 404 Public Sector Accounting (3) covers in-depth study of the structure and concepts of government accounting, the treasury, audit department, consolidated revenue fund, Capital and Development fund, financial accounting and analysis- use of self-accounting system, fund accounting system and standardized uniforms for transaction. It also deals with decision making and planning and control of public funds, application of costing methods, budgeting processes, accounting for local government, educational and health institutions, budgeting systems, the effect of restructuring sectors and the implication of membership in regional bodies and international organizations. Prerequisites: ACC 301 and ACC 302.

ACC 405 Consolidated Accounting (3) this course aims at affording students with interest in financial
accounting further opportunities to gain advanced accounting knowledge in Group and consolidated accounts. The course covers in-depth consolidation of Financial Statements, Acquisitions & Mergers, Consolidation of Associates, Consolidation of Divestments from Subsidiaries, International Groups & Consortiums, Group Cash Flow Statements & Group Value Added Statement. **Prerequisites:** ACC 201 and FIN 201.

ACC 406 Taxation II (2) covers advanced aspects of Taxation I and includes general system of tax administration, appeals, penalties and repayment, further treatment of computation of tax liability of individuals and partnerships and companies, back duty, petroleum company's tax, capital gains tax, double taxation relieves, and VAT. **Prerequisite:** ACC 306.

ACC 410 Auditing (3) studies auditing theory, generally accepted auditing standards, audit procedures, audit reports and the responsibilities and ethics of the auditing profession. Topics include risk, evidence, internal controls, sampling, audit testing, subsequent events, professional liability, reporting statutory provisions, compilation and review services, and reporting under government auditing standards. **Prerequisites:** ACC 301, ACC303 and Senior Standing.

ACC 492 Accounting Independent Study (3) **Prerequisites:** 2.0 CGPA or higher and Junior/Senior Standing.

SBE 493 SBE Internship (3) **Prerequisites:** 2.0 CGPA or higher and Junior/Senior Standing.

ANTHROPOLOGY

ANT 101: Introduction to General Anthropology (3)
Anthropology is the study of human life in all its aspects. It is generally divided in four sub-disciplines, all related in their aim to provide a better understanding of the human condition: 1) Physical/Biological Anthropology; 2) Archaeology; 3) Cultural Anthropology, and 4) Linguistics. This course provides an introduction to those major areas of anthropology and the methods and concepts anthropologists use to study human beings. **Prerequisite:** None.

ANT 201: Introduction to Cultural Anthropology (3) this course focuses on the cultural sub-discipline of Anthropology. Its objective is to introduce students to human cultural diversity and to the methods and concepts anthropologists use to study human societies and cultures. It also examines the temporal, geographic, adaptive, and social diversity of humanity as well as the interaction between culture and human biology. **Prerequisite:** None.

ART HISTORY

ARH 101 Art History: The Power of Images (3) introduces students to art history methodologies and the critical analysis of visual images and helps them “learn to look.” The course includes African and non-African art and is suitable as a general education course in the Arts and Humanities area. **Prerequisite:** None.

ARABIC

Arabic 101: Basic Arabic (3) The course introduces participants to the four basic skills of listening (understanding), speaking, reading and writing in Arabic. The course offers learners the opportunity to learn and practice the 4 basic skills in real life situations and domains of language use such as in the home, at school, in the office, in the market place, etc. **Prerequisite:** None.

BIOLOGY

BIO 101 Exploring Life. (4: 3 lecture, 1 lab) Biology for the non-science major. Learn about cells, the basic unit of life, and how those cells perpetuate your genes into the next generation. Learn about your body, how it works and what happens to you when your body doesn't work well. Learn about the plants and animals around you and how they impact your life. Hands-on learning in weekly labs reinforces classroom topics. NES majors may not use this course for their majors credits. **Prerequisite:** None.

BIO 102 Human Biology (4: 3 lecture, 1 lab) This course provides an introduction to General Anthropology and the methods and concepts anthropologists use to study human beings. **Prerequisite:** None.
and the mechanisms and effects of disease.  

**Prerequisite: None.**

**BIO 103 Essentials of Nutrition (3)**  
This course introduces students to the biological composition and functions of nutritional substances, including how they are attained and processed by biological systems. Students also learn how to analyze and properly plan for changing nutritional requirements during different stages of human development and levels of physical activity, how environmental and hereditary factors can lead to nutritional problems, and how these problems can be treated and/or alleviated.  
**Prerequisites: None.**

**BIO 104 Health and Disease in Africa (3)**  
This course introduces students to major medical issues in Africa involving those caused by microorganisms, inheritance, and poor nutrition and that affect public policy and the economy.  
**Prerequisite: None.**

**BIO 120 Introduction to Biology I (4: 3 lecture, 1 lab).**  
This course explores the structure and function of biological molecules, the composition, diversity, and development of cell types, plus an introduction to classical and molecular genetics. Through lectures, group exercises, labs and writing exercises, students gain an understanding of how molecules and cells dictate the fundamental unity and diversity of life. This course is intended for science majors who are interested in pursuing a biology-related career. This course is a prerequisite for most high-level biology courses; it is recommended that you take this course within your first two semesters.  
**Prerequisite: None.**

**BIO 121 Introduction to Biology II (4: 3 lecture, 1 lab).**  
This course explores how biological populations emerge and interact with each other and the environment. Topics include basic organism physiology and classification, population dynamics, micro and macroevolution, and properties of ecosystems. Through lectures, group exercises, labs, and writing exercises, students gain an understanding of the variables that shape biological populations. This course is a prerequisite for most high-level biology courses; it is recommended that you take this course within your first three semesters.  
**Prerequisite: BIO 120.**

**BIO 205 Animal Form & Function (4: 3 lecture, 1 lab)**  
An introductory zoology course. This course explores the structure and function of animals. Students will learn how tissues are organized in animals and how various organs systems function. Students will also learn about animal reproduction and development. This course is a good introduction to higher level biology courses especially BIO 320 Anatomy and Physiology (4) and will take the place of BIO 105 Introduction to Zoology (4) on your course audit sheets.  
**Prerequisite: BIO 121.**

**BIO 206 Applied Botany (4: 3 lecture, 1 lab)**  
Learn plant anatomy, from cells to tissues to organs; plant physiology from photosynthesis to transport; plant genetics from Mendel to genomics; plant ecology and agriculture. Learn how important plants are to human society and to all other life on earth. Laboratory sessions are designed to complement what is learned in the class.  
**Prerequisite: BIO 121.**

**BIO 210 Communicating in the Sciences (3)** is an introductory course that covers the fundamentals of science-based research and communication. Research, and written and oral communication skills are critical elements in the professional development of scientists in the biomedical and environmental fields. This course provides students direction for critically thinking about and assessing the scientific literature, as well as enhancing their science-writing skills. Topics covered include literature types, literature searches and reviews, format and content of scientific papers, citations, science writing, and presenting data graphically.  
**Prerequisite: WRI 102.**

**BIO 220 Animal Behavior (3)** provides a general overview of the history, philosophy and methods of ethology; causation, ontogeny, function, and evolution of behavior; orientation and navigation; and sociobiology. Students will conduct a field study on a selected topic of animal behavior such as foraging, parental care, or communication.  
**Prerequisites: BIO 121, NES 202.**

**BIO 230 Molecular Genetics (4: 3 lecture, 1 lab)** explores the details and functions of DNA and
RNA. Topics include the various ways in which genes are organized, the in-depth mechanisms and regulation of DNA replication, RNA transcription, and protein translation, the effects of mutations on these systems, and recent discoveries / technological advances in the field. **Prerequisite: BIO 121.**

**BIO 240 Microbiology and Immunology (4: 3 lecture, 1 lab)**
Introduction to the world of microbes: bacteria, archaea, fungi, algae and protists. Learn their structures, their physiology, and their roles in health and disease. Special attention is placed on diseases common to Africa. Explore the human immune system that protects us from harmful pathogens: what it is, how it works, and what happens to us when it doesn't work. Laboratories allow hands-on exposure to microbes and practice with aseptic techniques. **Prerequisites: BIO 121, CHE 121.**

**BIO 250 Global Health (3)** is an introduction to the language of global health: the burden of disease, epidemiology, cost effectiveness, and health systems. It will then analyze the rationale for and modes of intervention to improve global health by exploring a number of high-profile topics. These include: HIV/AIDS pandemics, Ebola pandemics, SARS pandemics, cholera epidemics, malaria; case management of epidemics and pandemics; non-communicable diseases, cancer, heart disease, diabetes; access to pharmaceuticals, development of vaccines, vaccine trials and bioethics of medical therapies, human resources for health, corruption, health reform, and maternal and child health. **Prerequisite: BIO 121.**

**BIO 320 Human Anatomy and Physiology (4: 3 lecture, 1 lab)** in depth knowledge of gross anatomy and the physiology of major organ systems. Common diseases related to each body system will also be studied in brief. **Prerequisites: BIO 205 and CHE 120.**

**BIO 350 Introduction to Public Health (3)** highlights the major disciplines of public health in Africa and the world at large: Epidemiology, health services, occupational health, medical ethics and bioethics, health economics, public health policies and social research. The three main focal points of this course will be Environment and Health, Health Promotion, and Health Services Management. This course will prepare public health and medical professionals to take up effective leadership positions in the government, the community and in both governmental and non-governmental health and medical institutions locally, nationally and internationally. **Prerequisite: BIO 121.**

**BIO 360 Cell and Developmental Biology (4: 3 lecture, 1 lab)** provides an in-depth exploration of cell types and their behaviors. Topics will include sub cellular architectures and functions, how cells respond to their environments, the mechanisms by which cells organize into specialized biological systems, and the effects of mutations on these systems. This course is intended for science majors who are interested in pursuing a biology-related career. **Prerequisite BIO 121.**

**BIO 380 Introduction to Biotechnology (3)** surveys current applications of molecular biology in business and industry. Topics will include formation and testing of genetically modified crops, drug design, high-throughput synthesis and testing of drug candidates and other contemporary industrial methods using the biological sciences. **Prerequisite: BIO 360.**

**BIO 390 Introduction to Bioinformatics (3)** teaches students to use computational methods to analyze genomic sequences. The public DNA sequence databanks and associated analysis methods available on the Internet will be used. Among the methods studies will be sequences comparisons, gene identification, RNA secondary structure prediction, and phylogenetic analysis. An introduction of Linux operating system will be included. **Prerequisites: BIO 240 and 360.**

**BIO 410 Structural Biology and Modeling (3)** presents contemporary methods in determining the structure of biological molecules, including X-ray diffraction, crystallography, NMR, mass spectroscopy and computational modeling. The application of these methods to the determination of protein structure and function will be emphasized. **Prerequisite: CHE 350.**

**BIO 420 Human Genetics (3)** This course is designed for students who are interested in genetic
counseling, medical genetics, and health science. Topics range from the molecular basis of heritance and molecular biology to genetic testing. The human genetics course focuses on the basic science as well as clinical applications of human genetics. The latest techniques used in genetic testing and screening will also be covered. Students who take this course should be able to explain the molecular and biochemical basis for a wide range of human genetic diseases. **Prerequisite:** BIO 121.

**BIO 425 Molecular Genetics and Biotechnology Seminar (1)** offers a current perspective on a special topic within Molecular Genetics and Biotechnology. Topics will vary, and the course may be repeated with permission of the Instructor. **Prerequisites:** BIO 230, BIO 240 and Junior Standing.

**BIO 430 Special Topics in Biomedical Sciences. (3) or (4: 3 lecture, 1 lab)** offers a current perspective on a special topic within biomedical sciences. Topics will vary, and the course may be repeated with permission of the instructor. **Prerequisites:** Permission of the Instructor and Junior or Senior Standing.

**BIO 450 Introduction to Epidemiology (3)** is an introduction to principles and methods for investigating infectious and noninfectious disease within human populations, contributing to an understanding of etiologic factors, modes of transmission, and pathogenesis. **Prerequisites:** BIO 250, STA 305.

**BIO 460 Model Organisms in Biomedical Research (3)** explores how evolutionary conservation in genetic information impacts human health. Topics include the unique histories, fundamental biological properties, and specific research applications of organisms commonly studied to biological research. This course involves critical analysis of primary research articles. **Prerequisites:** BIO 240 and BIO 360.

**BIO 490/ NES 490: Senior Research Project I** is the first part of a two-semester Senior Research Project. This course emphasizes the skills required to design and successfully perform research projects, including topic selection, research design, method development, sampling, managing ethical issues, data processing and analysis, and the reporting of findings. Students will learn about and apply techniques and equipment used in both laboratory and social research in the fields of environmental and biomedical sciences. By the course end, students will have developed a research proposal (i.e., complete the Introduction and Methods sections of their theses), in which they present a final project in preparation for conducting their own field/labatory work in Part II of the Senior Research Project. **Prerequisites:** BIO 121, BIO 210, STA 101 and junior/senior standing.

**BIO 491/ NES 491: Senior Research Project II** is the second part of a two-semester Senior Research Project. This course builds upon the research proposal written in NES 490. In this course students will conduct the field/labatory work which they proposed in the previous course, analyze their data, and write up the results (i.e., complete the Results, Discussion, and Conclusion sections of their theses). This is an exciting opportunity for students to conduct original research under the supervision of faculty members. By the course end, students will have completed their research project, which they will present in written and oral form to the department. **Prerequisites:** NES 490, STA 305.

**BIO 492 Independent Study in Biomedical Sciences (1-6 credits)** provides an opportunity for a contracted independent study. Independent study includes library and/or laboratory research. Note a maximum of 3 credits may be applied to major's credits. An additional 3 credits (if taken) may be applied to General Education Free Electives. **Prerequisites:** Permission of the Instructor, JR/SR standing and CGPA ≥ 2.0.

**BIO 493 Internship in Biomedical Sciences (1-6 credits)**. This is supervised internship and experience in any aspect of biomedical sciences. This may take place in a laboratory, health facility, or other institution outside the University under the supervision of experts in relevant fields. A report and presentation is required. Note a maximum of 3 credits may be applied to major’s credits. An additional 3 credits (if taken) may be applied to General Education Free Electives. **Prerequisites:** Approved internship application, JR/SR standing and CGPA ≥ 2.0.
BUSINESS LAW

BLW 301 Business Law I (3) (formerly SBE 220) examines business legal issues such as legal concepts, philosophy, and functions of court systems. It surveys contracts, sales, agents, negotiable instruments, legal forms of business, and the regulation of businesses. BLW 301 focuses on UCC, US law but considers international and global legal perspectives. Prerequisites: Sophomore /Junior /Senior Standing.

BLW 302 Business Law II (3) is designed to provide students with an understanding of the legal and ethical environment in which business decisions are made. You will learn of the complexity of legal rules, regulations, and court decisions affecting agency law, employment law, property law, negotiable instruments, and business organizations. You will continue to develop the analytical reasoning and writing skills you learned in Business Law I. You will read court decisions, prepare written briefs of the decisions, orally defend your interpretations of the cases, and answer hypothetical questions in open class discussion. Prerequisite: BLW 301.

COMMUNITY SERVICE DEVELOPMENT (CDV)

In CDV courses, students will be introduced to the concepts of community service, citizenship, and critical reflection through an interdisciplinary service project to the community. They will be exposed to the harsh realities and challenges facing the local community and will lend their time and talents to implementing sustainable improvements. They will work in one of AUN’s designated community service development programs. AUN Community Development courses integrate meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and improve our community and country. A CDV course is a semester long course with at least 25 hours of community engagement.

The following courses are currently offered in the CDV portfolio:

CDV 201 Literacy & Numeracy (3). This course combines academic learning with community service at an introductory level. We will collaborate in one of AUN’s community development projects, Students Empowered through Language, Literacy, and Arithmetic (STELLAR). In this course we will confront some of the major challenges facing the Nigerian primary education system today and spend most of our time working on-site in a primary school to set up and deliver an after-school tutoring program. We will also develop educational resources, and collect and track data. Prerequisite: None.

CDV 201 – 1 Literacy Using Radio (3). In this course students will be introduced to the concepts of community service, citizenship, and critical reflection through an interdisciplinary service project to the community which is funded by the USAID. The project is Technology Enhanced Learning for All (TELA). Students will use radio as a medium to teach literacy skills to vulnerable children in the local community. On completion of this course students will demonstrate an awareness on how radio can be used as a tool for literacy and for development. Students will further develop competence in basic radio production, announcing techniques and basic radio impact research. Prerequisite: None.

CDV 202 IT Literacy (3). There is a great need for poor communities to participate and become involved in the information society as a way to move out of abject poverty. Students taking this class are expected to think like developmental experts and help the community improve their IT literacy by visiting local communities, collecting baseline data about ICT literacy, skills, and usage among the various stakeholder groups. The students will deliver ICT training to the stakeholder groups and undertake other suitable ICT intervention in the community relating to positively affecting the beneficiary groups. Prerequisite: None.

CDV 206 Peace Through Arts (3). This course introduces students to the concepts of community service, citizenship, and critical reflection through applied arts as an interdisciplinary service project to the community. Students will serve AUN’s immediate community by using art as the medium for supporting and promoting peaceful dialogue and co-existence. The target community members will be the youth. This course integrates classroom knowledge, applied art and community outreach. Prerequisite: None.
CDV 207 Environmental Sustainability (3). This course explores and implements promising and pertinent strategies for redeveloping and resettling communities in Northern Nigeria that were destroyed by the Boko Haram insurgency. Through in-class lessons, reading and on-line materials, research, and hands-on field experience, students will understand the challenges and opportunities presented by post-disaster circumstances. Students will learn how to engage with stakeholders, survey and map land attributes, and develop large-scale plans for housing, water, sanitation, and agriculture. **Prerequisite: None.**

CDV 208 Financial Literacy (3). Financial literacy results in more stable communities while improved financial literacy, particularly early in life, results in a higher standard of living over the long term, including retirement. This course will help students to understand the strong interconnection between financial illiteracy and poverty. This course includes researching sustainable financial options and creating community learning network opportunities that will assist the abject poor in the community to make sound financial decisions. This course requires students to use knowledge gained in the classroom combined with indigenous knowledge systems to affect meaningful change in the community through training, capacity building, skills transfer, advocacy, and other interventions. **Prerequisite: None.**

CDV 209 Poverty Stoplight (3) provides students with a general understanding of multidimensional poverty in the local context and how to design and develop realistic solutions to pressing poverty indicators in Nigeria. Special emphasis will be placed on the history of the development, application, and initial results of the social innovation “Poverty Stoplight”, a poverty measurement and elimination tool being implemented currently at AUN and Standard Microfinance Bank in Adamawa State. At the end of the course, students will have the knowledge and skills to define poverty indicators, and will be able to understand, design and develop realistic solutions, incorporating inputs from key organizations and members of the community. **Prerequisite: None.**

CDV 392 Advanced Applied Community Development (3) is a course which combines community service with academic learning at an advanced level. Students collaborate in one of AUN’s community development projects, partnering with a not-for-profit organization or social business to address a community need. Under the guidance of a faculty member, they learn to situate their field experience in the general context of development in Nigeria, engage in critical analysis, reflection, and problem-solving, and apply their knowledge and skills to the betterment of the community. At this level, students are expected to draw explicit links between their academic knowledge and field experience. **Prerequisites: CDV 101/102/103 and WRI 102 and Sophomore/Junior/Senior Standing.**

**CHEMISTRY**

CHE 101 Introduction to Chemistry (4:3 lecture, 1 lab) introduces students to several of today’s real-world issues that have a significant chemical context such as air quality and pollution; protecting the ozone layer; global warming; energy, chemistry and society; neutralizing the threat of acid rain; petroleum to petrochemicals to plastics. This course is intended to fulfill General Education requirements to help students to become well-informed citizens no matter what career path they may choose, and to prepare students for CHE 120 and other sciences courses. **Prerequisite: None**

CHE 120 General Chemistry I (4:3 lecture, 1 lab) introduces matter and measurements; atoms, molecules and ions; stoichiometry; electronic structure of atoms; periodic properties of the elements; basic concepts of chemical bonding; molecular geometry and bonding theories; gases; intermolecular forces; aqueous reactions and solution; thermo chemistry. **Prerequisite: CHE 101 or University Placement Test.**

CHE 121 General Chemistry II (4:3 lecture, 1 lab) introduces modern materials; properties of solutions; chemical kinetics and equilibrium; acid-base equilibria; thermodynamics; chemistry of the non-metals; metals and metallurgy; electrochemistry; chemistry of coordination compounds; the chemistry of life: organic and biological chemistry. **Prerequisite: CHE 120.**

CHE 210 Organic Chemistry I (4:3 lecture, 1 lab) provides an introduction to organic chemistry;
nomenclature, isomerism, methods of preparation, physical properties; reactions and mechanisms; alkanes, alkenes, alkyenes, nucleophilic substitution and elimination reactions of alkylhalides, alcohols, and ethers, epoxides and radical reactions. **Prerequisite:** CHE 121.

CHE 211 Organic Chemistry II (4: 3 lecture, 1 lab) provides multi-step syntheses of organic compounds; aldehydes, ketones, carboxylic acids, esters, amine, reaction mechanisms, and rearrangements reactions of organic substances, petroleum-based aromatic compounds; carbon-carbon bond formation reactions and synthesis of polymer; qualitative organic analysis; spectroscopic identification techniques: IR, UV, NMR and MS. **Prerequisite:** CHE 210.

CHE 220 Physical Chemistry I (4: 3 lecture, 1 lab) covers real and ideal gases; the first law of thermodynamics; thermo-chemistry; second law of thermodynamics; entropy and free energy; third law of thermodynamics; chemical potential; phase equilibrium; solutions; chemical equilibrium; complex reactions; kinetics; rates of chemical reactions. **Prerequisites:** CHE 121 and MAT 310 (formerly MAT211).

CHE 221 Industrial Chemical Processes (3) is an introduction to industrial chemical processes, and the structure of the chemical industry. It includes the production of primary intermediates and industrial processes for the production of organic chemicals such as polymers, adhesives, dyes, insecticides, pesticides, herbicides, flavoring agents and pharmaceuticals; introduction to industrial fermentation processes; chemical processing of minerals; metallurgy and metallurgical processes; the production of non-ferrous metals and alloys; aluminum smelting; production of some heavy inorganic chemicals (sulphuric acid, sodium carbonate, sodium bicarbonate, sodium hydroxide etc.) and a survey of inorganic chemical industries and their products in Nigeria. **Prerequisite:** CHE 121

CHE 300 Oil & Gas Law (3) provides an introduction to the basic laws that regulates the petroleum industry in Nigeria. Topics include: history of petroleum in Nigeria, legal perspective of petroleum, laws regulating petroleum in Nigeria, ownership of petroleum, concessionary rights and obligations under the petroleum act, NNPC and the major joint venture agreements in the petroleum industry, taxation in the industry and the regulator bodies in the petroleum industry. **Prerequisite:** CHE 210.

CHE 321 Chemical Kinetics and Thermodynamics (3) explores elements of physical chemistry from a macroscopic point of view, thermodynamics, and its applications to chemical equilibrium, phase equilibrium, chemical kinetics, and reaction rate theory. **Prerequisite:** CHE 220.

CHE 322 Environmental Chemistry (3). Concept of elementary cycles. Characteristics of the atmosphere. Sources, types, effect and control of environmental pollution. Waste water treatment. Composition of domestic waste (handling solid waste); waste recycling. Water chemistry and analysis. Chemical and physical instrumentation in environmental sciences. Global warming: its sources, effects and remedies. Green Chemistry: principles and concept of green chemistry, atom economic and non-economic reactions, reducing toxicity, a few examples of environmental friendly reactions, and reaction media. **Prerequisites:** CHE 121

CHE 324 Industrial Chemical Technology (3). Processes and processes variables. Material balances: the flowsheet, general balance equation; material techniques; material unit balances; chemical reactions. Energy balances: energy balance equations; energy balance techniques. Fluid flow: types of fluid, flow regimes, balance equations, flow in pipes. Heat transfer: mechanism, heat exchangers. Separation processes: characteristics; phase equilibria; fundamental concept and practical techniques for solving problems relating to equilibria stage processes; mixing and agitation; crystallization, filtration and drying; grinding and sieving; binary distillation, solvent extraction, solid-liquid extraction; leaching and liquid-liquid extraction.
Process development for large scale production; technical and economic principles of processes and product routes. Cost calculations. Methods of storing materials; transport of liquids and gases; equipment for mass transfer. An introduction to the scope of different types of equipment used in chemical industry: distillation columns, extractors, pumps, mills, mixers and agitators, dryers, and crystallisers. Reactors: types; characteristics & choice; advantages and disadvantages; selection for catalysts. Dialysis; reverse osmosis; electrodialysis. Process control: objectives; the control loop; measuring devices; the controller; computer control. Case studies: the cases chosen should emphasize process and product development in the Nigerian chemical industry. **Prerequisite: CHE 221**

**CHE 330, Analytical Chemistry (4: 3 lecture, 1 lab)** provides a statistical treatment of analytical data, and the use of excel and other software packages in data treatment (e.g. spss and minitab). Acid-base titration in aqueous and non-aqueous media; complexometric, precipitation and redox titrations; gravimetric analysis: nucleation and crystal growth, methodology, colloids. Introduction to separations in analytical chemistry. Radiochemical methods, Chromatography. **Prerequisites: CHE 121 and PHY 205.**

**CHE 331 Instrumental Methods of Analysis & Applied Spectroscopy (3).** Provides electrochemical methods of analysis--voltametric, conductometric, electrogravimetric and potentiometric measurements; optical methods of analysis --study of electromagnetic spectrum; The principle and application of UV, IR, NMR and Mass spectroscopy technique in the determination and elucidation of structure of organic compounds and in particular petroleum product analysis; Beer's-Lambert law; luminescence, atomic spectroscopy and IR analysis, and chromatographic methods analysis [HPLC, GC, LC, etc]. Characterization frequencies. NMR; Chemical Shift (1H and 13C), integrals, coupling patterns and coupling constant and their use, interpretation and prediction of spectra. Mass Spectrometry; uses of EI and CI spectra, important fragmentation processes. **Prerequisite: CHE 330**

**CHE 340, Inorganic Chemistry (4: 3 lecture, 1 lab)** explores the chemistry of main group elements; review of physicochemical principles that govern the reactivity of main group elements, electronic structure and general properties and the comparative study of group IA and IIA elements, detailed treatment of the electronic structure of transition elements (d-block) and the relationship to their peculiar physicochemical properties, introduction to the lanthanides and the actinides, coordination compounds: structure, geometry, nomenclature and isomerism, simple treatment of crystal field theory, ligand field theory. **Prerequisite: CHE 121.**

**CHE 350, Biochemistry (3):** provides a survey of the chemical structures and activities of the biological macromolecules. Bioenergetics, enzyme kinetics and the major metabolic pathways are emphasized. **Prerequisites: CHE 210 and BIO 105 and BIO 106.**


**CHE 421 Electrochemistry and Corrosion Science (3) studies various topics in electrochemistry such as equilibrium electrochemistry, ion activity, ionic transport, transport number, molar conductance and conductivity, Debye-Huckel and Onsager equations, processes at electrodes, electrical double layer, electrode processes. It also includes topics in corrosion such as oil and gas pipeline basic corrosion chemistry, thermodynamics and kinetics of corrosion, corrosion mechanisms occurring in oil and gas production / processing systems, as well as corrosion prevention and pipeline protection. **Prerequisite: CHE 220.**
CHE 423 Quality Control & Industrial Safety (3). Sampling and sample treatment, preparation of standard solution, calibration and standardization. Raw material analysis, production line inspection, sampling and analysis, final product sampling and analysis. Fire chemistry: fire triangle, tetrahedron and pentagon; classification of fire based on fuel type, firefighting and mitigation. Toxic substances and poisonous gases, acute and chronic exposition, maximum working place concentration. Inflammable chemicals. Handling high pressure equipment. Protective clothing and sanitary amenities for employees. Prerequisite: CHE 330

CHE 450 Computational Chemistry (4; 3 lecture, 1 lab) provides an overview of computational chemistry techniques including molecular mechanics and Force Fields, molecular dynamics and simulations, density-functional theory, Hartree-Fock molecular orbital theory, semi-empirical and ab initio electronic structure theory. Sufficient theoretical background is provided for students to understand the uses and limitations of each technique. An integral part of the course is hands on experience with state-of-the-art computational chemistry tools running on graphics workstations. Prerequisite: CHE 220.

CHE 490 Senior Research Project in Petroleum Science (4) provides the opportunity for students to conduct an individual research project pertinent to petroleum science under faculty supervision. A report is required. Prerequisites: Permission of the Instructor and senior standing.

CHE 492 Independent Study (1-6) Prerequisites: 2.0 CGPA or higher and Junior/Senior standing.

CHE 493 Internship in Petroleum Industry (3-4) is a supervised internship and summer training experience in a petroleum refinery or in a petrochemical/polymer industrial plant. A report is required. Prerequisite: Permission of Department Chair and CGPA minimum 2.0 or higher and senior standing.

CHE 499 Thesis Project in Petroleum Science (8 total credits: two (2) four (4) credit courses over two semesters) requires the completion of a research project in petroleum science and the preparation of a written thesis and oral presentation. Prerequisites: Permission of Department Chair and CGPA minimum 2.0 or higher and senior standing.

COMPUTING AND INFORMATION ENGINEERING

CIE 111 Introduction to Computers & Computing
This course aims to introduce all AUN students to: 1. The computer as a tool/platform for content creation, storage, processing, and access to applications and services online, and 2. Computing methods to problem solving. Emphasis is placed on gaining literacy and some practice on concepts and the broad areas of computing. Topics: concepts, principles and mechanisms in hardware, software, networking, computer security, algorithms, computer programming, database, Artificial Intelligence, e-commerce, decision support systems, and other emerging technologies such as blogs, wiki, RSS, podcasting, Cloud Computing, Mobile Computing and Google applications. Additional lectures examine social, legal, ethical issues including privacy, intellectual property, health concerns, green computing, and accessibility. [Pre-requisite – None]

CIE 105 Principles of Programming I (3) introduces the basic principles of programming and the fundamentals of object oriented programming including objects, classes, inheritance, polymorphism, aggregation/ composition, state, methods, loops, selection, exceptions, events, and container types using an OO language such Ruby to teach and practice with cross cutting, language agnostic mechanisms. Prerequisite: CIE

CIE 106 Principles of Programming II (3) the course expands on CIE 105 course with intermediate to advanced programming principles and mechanisms emphasizing object oriented and functional techniques such as inheritance, polymorphism, and interfaces; exception handling, design patterns, simple GUI programming, multi-threaded programming, abstract and dynamic containers such as linked lists, stacks, queues, and trees and their associated algorithms including those based on recursion. Prerequisite: CIE 105
CIE 231 Intro to Databases, Web Technologies and Applications (3) broadly examines the role of databases and web technologies in the current computing landscape and the emergence of database driven web applications supporting new computing platforms such as Cloud Computing. Introduces concepts and principles of database management systems (DBMS); basic data analysis, data modeling, database design and database implementation using an Open source relational DBMS, transaction management, concurrency control, distributed, multi-tier client/server architectures and the specific role of databases in web development. **Prerequisite:** CIE 106

CIE 302 Principles of Operating Systems (3) This course surveys methods and algorithms used in operating systems. Concurrent distributed operation is emphasized. The main topics covered are an introduction to operating systems, process management, process scheduling, inter process communications, memory management techniques, virtual memory, I/O management, deadlock avoidance, file system design, socket programming, distributed operation; distributed data; performance evaluation, protection and security. **Prerequisite:** CIE 106.

CIE 321 Information Technology (IT) Project Management (3) topics include: Project management tools such as MS Project; analysis of options and risks; project planning; cost estimation and productivity metrics; scheduling; factors influencing productivity and success; release and configuration management; management of expectations; planning for change; software process standards; process implementation; software contracts and intellectual property; approaches to maintenance and quality assurance; project reporting and case studies of real industrial projects. **Prerequisite:** Junior Standing.

CIE 333 Data and Computer Communication (3) This course describes the architecture, components, and operations of routers and switches in a larger and more complex network. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network. WAN technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Topics include: communications media; signal representations; Analog and digital data representation; multiplexing; compression; congestion/flow/error control; Introduction to LAN, MAN and WAN; LAN access methods; channel capacity, and networking/programming interfaces. **Prerequisite:** TEL 301.

CIVILIZATION

CIV 101: African Civilization (3) This course traces the history of Africa from the birth of the human species to the present, taking into account the way various academic disciplines contribute to the body of knowledge about African history and development; highlighting key moments in African history that have shaped its present socio-political and economic context, and focusing on North and West Africa. **Prerequisite:** None.

CIV 102 Western Civilization (3) concentrates on that part of the world that has long been defined by the term “West.” It includes Europe, the America’s, and parts of what is now Central Asia, the Middle East, and Egypt, with emphasis on the Euro-American tradition. **Prerequisite:** None.

CIV 111 African Civilization: Special Topics (3) focuses on special topics related to African civilization and the development of its societies, cultures, and institutions and the forces that have shaped that development. Topics vary. **Prerequisite:** None.

CIV 112 Western Civilization: Special Topics (3) focuses on special topics related to western civilization and the development of its societies, cultures, and institutions and the forces that have
shaped that development. Topics vary. Prerequisite: None.

CIV 201 Middle Eastern and Asian Civilization (3) traces the development of societies in the Middle East and in Asia and focuses on key events and movements in the history of these areas. Prerequisite: Sophomore/Junior/Senior standing.

CIV 211 Middle Eastern and Asian Civilization: Special Topics (3) focuses on special topics related to Middle Eastern and Asian civilization and the development of its societies, cultures, and institutions and the forces that shaped that development. Topics vary. Prerequisite: This will vary depending on the topic.

COMMUNICATIONS AND MULTIMEDIA

CMD 110 Introduction to Communication Studies (3) This course is about the consideration of mass communication as a sub-type of human communication. It is also an overview of the progress, models, and elements of communication; a survey of the mass media, including their adjuncts, and examines the characteristics, functions, contents, operations and impact of the mass media as well as national mass media systems and mass communication between/across nations. Prerequisite: None.

CMD 115 Basic Photography & Videography (3) This course explores the basics of photographic and videographic skills and some of the issues associated with the history and practice of moving and still images. The course covers various elements of camera operations. Selecting suitable subjects for photographic projects is also explored. Prerequisite: None.

CMD 120 Writing for the Mass Media (3) Instruction and practice in writing for the mass communication media with the major emphasis on development of the journalistic style and proficiency in grammar and the use of language. Prerequisite: WRI 101.

CMD 121 Principles of Multimedia Designs (3) This course introduces the principles, conceptual and critical skills, and techniques of multimedia designs. Students learn to observe the world critically and to analyze both broad structures and small details of visual phenomena. Students are challenged to master the skills needed to communicate their observation through traditional means (drawing, painting) as well as through digital media. Prerequisite: None.

CMD 125 Introduction to Visual Culture (3) This course explores the visual concepts designed to celebrate, sell or re-present reality. Students study the various forms and history of visual communications (including art & culture) to understand the broad spectrum of visual creativity that permeates contemporary life. The course explores visual cultures ranging from history and theory of painting and sculpture to print, photography, film, advertising and fashion. Prerequisite: None.

CMD 207 Peace Journalism (3) This course introduces the student to the concept and practice of peace journalism defined generally as when editors and reporters make choices - of what to report, and how to report it - that create opportunities for society at large to consider and value non-violent responses to conflict. The course also explores ethical issues in peace journalism. Prerequisite: CMD 110.

CMD 211 Globalization, Development & the Media (3) This course examines the theories and concepts of globalization and development as they relate to communication and society. At the core of the course are strategies for planning and diffusion of development interventions. The course undertakes a comprehensive and critical account of the theoretical changes in communications studies from the early theories of development communication through to the contemporary critiques of globalization. Prerequisite: None.

CMD 212 Principles of Public Relations & Advertising (3) The first part of this course introduces students to Public Relations while the second introduces Advertising. The first part explores concepts, theories, and practices of Public Relations and Public Affairs; the importance of Public Relations in either profit or non-profit organizations; Principles of effective writing in public relations; Practice of the styles of writing news releases, brochures, position papers, speeches, etc. It also includes the analysis of ways and means of
establishing and maintaining rapport and credibility with media gatekeepers. The second part of the course examines the structure of advertising messages, how they are adapted to specific audiences, and the social settings in which they occur. Issues of Internet advertising and e-commerce will be explored. The preparation of advertising media plan: analysis of the various media in terms of target audience reach and the frequency of reach will be considered. Prerequisite: CMD 110.

CMD 213 Principles of Journalism (3) This course introduces students to the basic principles of journalism as it occurs in a variety of media forms. The history of journalism is discussed, from the penny press, yellow journalism and muckraking to modern responsible journalism and tabloid journalism. The class also discusses a variety of legal and ethical journalistic concerns. Writing techniques for newspapers, radio and television broadcast news are practiced. Prerequisite: CMD 110.

CMD 215 Descriptive and Illustrative Drawing (3) This course introduces students to the fundamental principles of observational and analytical drawing. Various approaches are explored through assignments to develop skills needed to effectively represent and communicate visual phenomena. A range of illustration media and techniques are explored to facilitate student’s projects focusing on drawing from life, photo reference techniques and visualizing concepts and ideas for commercial illustrations. Prerequisite: None.

CMD 217 Broadcast Media Aesthetics (3) This course is an in-depth analysis and evaluation of the artistic, aesthetic elements and synergy in broadcast media production and distribution. The course will focus on helping students develop the analytical and critical skills required to appreciate and interpret visual media texts, by foregrounding the formal elements of film, video, television, and radio. Students will develop a vocabulary that will be used to explore the interplay of technical design, social influence, and cultural conventions that shape human broadcast production and consumption experiences. Experiments in the manipulation of the aesthetic elements in documentaries, commercials, news, discussion programs, music videos, dramatic feature films, etc., are emphasized in this course. Prerequisite: None.

CMD 220 Intercultural Communications (3) Intercultural Communications explores the nature and patterns of relationships between communications, culture and the society both from historical and contemporary perspectives. The course sees communications primarily as contact between cultures. It studies the barriers to intercultural communications and the ways and means of transcending such barriers. The course draws on relevant theories and practical sessions to inspire students to communicate across cultural, ethnic, racial, religious and social barriers. Prerequisite: None.

CMD 221 Newswriting and Reporting (3) This is a practical course designed to enable students to become proficient in preparing a publishable copy under deadline. Students are assigned beats, primarily on campus, to develop stories for publication and encouraged to submit outstanding articles to the local news media. The course examines various definitions of news as well as the structure of the news story and other journalistic forms. Prerequisite: WRI 101 or WRI 102.

CMD 223 Foundations of Broadcasting (3) This course is an overview of the physical, technical and societal bases of radio and television broadcasting. It relates the laws of nature that make broadcasting possible, as well as the scientists who exploited them; describes the individual items or equipment used in radio and television and surveys the diverse environment of broadcasting stations and networks. Prerequisite: CMD 110.

CMD 224 Online/Digital Reporting (3) This course focuses on students’ knowledge and application of the basic skills of generating, gathering and reporting news events on such platforms as blogs, social media, real time reporting platforms, audio/video storytelling and other web application services. Prerequisite: CMD 120.

CMD 225 Business Communications (3) This course explores the fundamentals of communications in business settings. It explores business communication forms including memos,
reports, proposals, business plans, case studies, and various other forms of communications in business and organizational settings. It draws on the core principles and models of communication and applies them to business settings. **Prerequisite: WRI 101 or WRI 102.**

CMD 226 Design Studio (3) This course introduces the broad field of graphic design. This design-based course involves the application of design principles to graphic forms. **Prerequisite: None.**

CMD 310 Research in Communication Studies (3) This course introduces students to social science research methods within a mass communication context. It emphasizes the scientific method and surveys basic concepts of theoretical and empirical research. It also covers a variety of methodologies, elementary statistics and criteria for adequate research. **Prerequisite: At least Sophomore Standing.**

CMD 311 User Experience and User Interface Design (3) This project-based course is for students who have a strong interest in design. It draws on relevant theories in user experience to teach students how to design a highly engaging user interface. It takes students through user experience research and design, how to outline the visual concept and how to create a style guide. Students will be expected to work towards developing their own mock-ups. **Prerequisite: None.**

CMD 312 Theories of Communication (3) This course studies the major theories in the field of communications and media studies. Starting from the seven traditions in communications studies, the course explores the functions of theories, application of theories and the core paradigmatic approaches to media studies. A key element in this course is a thorough discussion of the relationship between communication theories and communication research. **Prerequisite: CMD 110.**

CMD 313 Media Law and Ethics (3) This course studies the national and international legal and ethical frameworks that guide media operations – both traditional (mainstream) media and new (online) media. It explores debates on the rights, privileges, restraints, and regulations (including self-regulation) affecting the mass media. It also explores often contentious debates on privacy and the rights of the media to offend. Freedom of Information, laws of libel, sedition, privacy, contempt obscenity, copyright, and government regulation are also explored. Attention is given to ethics of the journalism profession. **Prerequisite: None.**

CMD 315 Public Speaking and Event Management (3) This course introduces students to the art of public speaking, speech writing, oral debate and argument. Students gain confidence as public speakers by learning the techniques of making effective presentations and by gaining extensive practice in public speaking and in speech writing. The course also explores fundamentals of organizing and managing high profile events. **Prerequisite: None.**

CMD 319 Announcing and Performance (3) This will cover the major aspects of radio, television, and new media delivery processes through the effective use of relevant media and technology. Essential techniques to be acquired by students include the understanding and usage of broadcast terminology, writing for radio and television, broadcast delivery through voicing and announcing, and the application of performance techniques to the practice of media delivery. It explores the fundamentals of on camera and microphone techniques and performance types such as reality shows, acting, straight announcing, disc jockeying, news reporting, interviewing, and narrating commercials and documentaries. **Prerequisite: None.**

CMD 322 Website and Mobile Applications Design (3) This practical course teaches students how to design interactive websites and mobile apps for smart mobile technologies. It explores the core principles in design and user experience. **Prerequisite: None.**

CMD 323 Advertising Creative Strategies (3) This course focuses on the theory and practice of writing effective advertising messages, for print and broadcast media. It explores the creative application of consumer and market surveys, copy testing methods, etc. **Prerequisite: CMD 212.**
CMD 324 Editorial and Critical Writing (3) This course teaches students how to write editorials and opinion columns with particular emphasis on analysis and interpretation of events, policies and/or issues. It teaches the basics of writing editorials, op-eds and columns, including analyzing arguments, generating ideas, researching supporting data, assessing and engaging the audience, structuring the article, writing concisely, controlling style voice and tone appropriate to subject matter and audience, and writing to meet deadlines. Students will be expected to maintain their own column or blog throughout the course. **Prerequisite: CMD 120.**

CMD 325 News Editing and Production (3) This practical course explores the editing and production of news. It focuses on editing texts, visuals and graphics for the print, digital and broadcast media. **Prerequisite: CMD 110.**

CMD 326 Radio, Film and TV Production (3) This course teaches students how to produce modern content for Radio and TV. The course is designed to be a survey and evaluation of the pioneers of the documentary form. It also includes analysis of the creative, political, anthropological and journalistic environment of the documentary; design, pre-production planning, intensive fieldwork, production and subsequent evaluation of individual documentary projects. **Prerequisite: CMD 220.**

CMD 327 Digital Animation (3) This course explores computer modeling and animation. It surveys the theory, history, and practice involved with creating quality modeling for print media, and also modeling and animation for time-based audiovisual media. **Prerequisite: CMD 110 and CMD 121.**

CMD 328 Multimedia Graphics Design (3) This course focuses on the use of state-of-the-art software in generating aesthetically and communicative lettering techniques for media production and reproduction. It also exposes students to the functions of visual communication in news, advertising, publishing and electronic media. **Prerequisite: CMD 121 and CMD 226.**

CMD 329 Photojournalism (3) This is a practical introduction to news photography featuring solid grounding in basic camera techniques but placing emphasis on the development of the emerging photojournalist’s sensitivity to visual narratives. The course explores situations where the photojournalist will be expected to capture images that tell compelling stories. The course also explores historical cases showcasing iconic images and the elements that made them so. Students will be expected to develop and maintain their own portfolios. **Prerequisite: CMD 213.**

CMD 330 Film and Video Editing (3) This course explores the history, theory and practice of film and video editing. Using a theoretical and hands-on approach, this advanced course is designed to expose students to dramatic narrative, documentary, and short form editing techniques, and to understand the role of the editor in shaping the final form of film or video. Students will be introduced to a variety of established theoretical concepts of film editing while encouraging them to explore and discover innovative approaches to the use of film language. To achieve this, the course will delve into the methods, objectives, aesthetic and technical aspects of post-production. It will thoroughly explore four major non-linear editing programs (Final Cut Pro, Soundtrack Pro, Avid Media Composer, and Pro Tools) among other new tools, used in the contemporary digital postproduction environment, and acquaint the student with every stage of the editing workflow from capture to final output. **Prerequisite: CMD 223.**

CMD 400 Special Topics in Communications & Multimedia Design (3) offers a current perspective on a special topic within CMD. Topics will vary, and the course may be repeated with permission of the instructor. **Prerequisite: Junior Standing.**

CMD 412 Public Diplomacy (3) This course provides a comprehensive overview of public diplomacy, national image, and perception management from historical and contemporary perspectives. It covers efforts to foster pro-West sentiments during the Cold War, Post-9/11 campaigns to ‘win the hearts and minds’ of the Muslim world as well as more direct efforts of governments and international institutions to ‘sell’ their policies and programs abroad. It also explores
elements and tools of cultural diplomacy. Drawing on relevant case studies, it explores how state and non-state actors assert their dominance and influence through persuasive and creative use of the cultural industries, the media, icons, etc. **Prerequisite: None.**

**CMD 413 Social Media Dynamics (3)** This course emphasizes the identification and appropriate deployment of the varied social media platforms in generating, processing and disseminating messages to the public. Students learn how to use social media for political and social change campaigns, strategic storytelling, and promotion of products, persons and ideas. **Prerequisite: None.**

**CMD 414 Management of Media Advertising Agencies/PR Consultancies (3)** This senior level course seeks to equip students with the needed skill set to successfully manage an advertising agency and a PR consulting business. Drawing on practical cases, it examines why some agencies are successful while others aren’t. It examines the social, political and economic environment of Public Relations and Advertising practice in Nigeria and practical ways of securing and maintaining profitable retainerships. It explores systems of client relationship management. Essentially, the course seeks to develop the student’s capability for analyzing complex social and business situations, taking strategic decisions, and making strong sales presentations. **Prerequisites: CMD 212, CMD 223.**

**CMD 416 Advertising and Public Relations Campaigns (3)** This course focuses on the planning and execution of an advertising campaign: market and consumer research, development and allocation of advertising budget, selection of media, choice of advertising appeals, preparation and production of advertisements. It focuses on various types of PR and advertising campaigns ranging from political advertising campaigns to issues and awareness campaigns. It also covers public service advertising campaigns. **Prerequisites: CMD 212, CMD 213.**

**CMD 417 Foreign Correspondence (3)** The course explores the politics and economics of foreign correspondence and teaches skills that will enable the reporter to function effectively as a foreign correspondent within the context of a more interconnected world. It explores the technological tools, techniques and systems of foreign correspondence. Case studies include an exploration of the workings and functions of some of the most successful international news agencies and international news organizations. Students in this course will work as part of an elite press corps to survey the international scene for an online agency. **Prerequisite: CMD 213.**

**CMD 418 Specialized Reporting (3)** This course is designed (i) to provide instruction in the techniques of reporting specialized subjects such as agriculture, medicine, aviation, religion, sports, labor, the courts, the arts and the like; (ii) to expose students to the basic literature as well as outstanding examples of reporting of these issues. **Prerequisite: CMD 213.**

**CMD 419 Web Broadcast Operations (3)** This course explores the techniques and technologies of online broadcast and/or streaming of media contents. In this practical course, students use relevant low-budget (or free) applications to broadcast live events on the web. **Prerequisite: CMD 223.**

**CMD 421 Media Relations (3)** This course explores the ways and means of establishing and maintaining rapport and credibility with media gatekeepers for the interest of an organization. Drawing on relevant case studies it analyses the role of the media in the rise, fall, credibility or otherwise of organizations, public officials, and celebrities. **Prerequisites: CMD 212.**

**CMD 424 Multimedia Authoring (3)** This course explores the processing of textual, photographic, visual and audio elements into multimedia products for strategic storytelling. It also explores theories and cultural effects of visual communication and new media. Students are encouraged to engage with and solve social problems via multimedia platforms ranging from interactive websites, short videos that combine still images, videos, graphics, texts, animations, etc. **Prerequisites: CMD 121, CMD 226.**

**CMD 425 Feature Writing (3)** Feature Writing teaches students how to plan, write and edit news
features, personality profiles, issue-oriented articles and human impact stories for the media. Emphasis is placed on narrative, descriptive, analytic and storytelling skills. One-on-one instructor-student conferences stress story building and revision techniques. **Prerequisite: CMD 120.**

**CMD 432 Community Relations (3)** This course examines contemporary community relations practices and how effective community relations can be an essential element in an overall public relations program. This course focuses on both ‘traditional’ and ‘non-traditional’ approaches and on case histories to demonstrate how to cope with or manage crisis with an organizations’ host communities and other local communities. **Prerequisites: CMD 212.**

**CMD 435 TV/Film Directing (3)** This course is an advanced effort by students to understand and practice the craft of film and television directing. Combining the theoretical and practical approaches, the course will engage students by adopting a step-by-step examination of the director’s process and responsibilities. Emphasis will be placed on script, character and scene analysis; performance, casting and rehearsal; design and visual style, camera placement and movement, narrative clarity, and editing. Students will be exposed to methods of developing meaningful dialogue with cinematographers, production designers, costume designers, technical directors, lighting directors, broadcast engineers, actors and talents, editors, sound designers, and producers in the creative process. The directorial styles of prominent film and television directors will be examined. Through lectures, screenings, practical projects and discussions, the course will offer students a comprehensive foundation for the director on which to build a rich creative experience. **Prerequisites: CMD 220, CMD 326.**

**CMD 443 Economic and Social Issues in Advertising and PR (3)** This course explores the economic and social elements that influence historical and contemporary directions of PR and AD practices. It studies advertising and public relations as institutions, the laws and ethics governing the profession in Nigeria as compared with developed countries like USA and Britain; self-regulation by practitioners and professional association; consideration of social responsibility, truth and deception, consumerism etc. **Prerequisite: CMD 212.**

**CMD 444 Cinematography (3)** This course is a practical and theoretical introduction to the art and craft of motion picture photography. It is designed to explore the aesthetics, techniques, and technology of cinematography and how it is currently practiced in the television and motion picture industry. It will also examine the unique role of cinematographers and lighting directors and how they influence the final result in the production process. Topics to be covered include the lighting approach and camera operation present in past and contemporary films and television; the style, aesthetics, and techniques of major genres and their distinguishing characteristics; the composition, movement, and framing; etc. **Prerequisite: CMD 220.**

**CMD 445 Screen Writing (3)** This course focuses on the screenplay and writer’s thought process, including the basic nuts and bolts of screenplay construction and structure as it relates to the story and plot development. **Prerequisite: CMD 223.**

**CMD 448 Integrated Marketing Communications (3)** This course exposes students to the understanding of how several communications approaches can be integrated and used for specific marketing communications purposes. It equips the students with an understanding of the strength and weaknesses of each of the marketing communications approaches of public relations, advertising, customer relations, events and sponsorship, direct marketing, packaging and sales promotion. **Prerequisites: CMD 212, CMD 223.**

**CMD 490 Senior Research Project (3)** This is purely an applied research course which is expected to apply the knowledge acquired in research methods classes. The Student is expected to work under a supervisor on an approved topic considered adequately relevant to his present or future vocational/professional interest and value to the society. **Prerequisite: Senior Standing.**

**CMD 492 Independent Study (1-6)** **Prerequisite: CGPA 2.0 or higher, and Senior Standing.**
CMD 493 Communication/Multimedia Internship (3) This provides CMD students with a minimum of six weeks of on-the-job training. All required documentation must be submitted to the Office of the Registrar. **Prerequisite:** Junior Standing.

CMD 495 Senior Career Project (3) This is a practical capstone project. The student is expected to work under a supervisor to develop a full project relevant to the student's area of production. **Prerequisite:** Senior Standing.

**COMPUTER SCIENCE**

CSC 201 Introduction to UNIX (3) This hands on motivational course aims to introduce students to the world's best and most versatile operating systems, the system behind much of the Internet revolution and continued success. **Prerequisite:** None.

CSC 202 Data Structures and Algorithms (3) The course covers, from an object-oriented programming language perspective, Abstract Data Types (ADTs) and their implementations. Topics include recursion, complexity analysis, linear data structures (stacks, queues, priority queues, lists and strings), and non-linear data structures (hash tables, binary trees, search trees, balanced trees, heaps), searching and sorting algorithms, and graph algorithms. This will also include substantial programming assignments and projects. **Prerequisite:** CIE 106.

CSC 213 Discrete Structures (3) This covers the Mathematics needed for Computer Science. Topics covered include: functions, relations, propositional and first order predicate logic, set theory, proofs and their construction, counting and elementary probability. **Prerequisites:** CSC 102 and CIE 105.

CSC 214 Logic in Computer Science I (3) Topics include: valid and invalid arguments; translating from English to the language of propositional and predicate logic; formal deduction and its role in proving the validity of an argument; logic and computer science; how to build circuits from logic gates and how to minimize circuits using propositional logic; introduction to Prolog a programming language based on logic; and the applications of logic in computer science AI, automated theorem provers, expert systems, and so on. **Prerequisite:** CSC 213.

CSC 232 Computer Organization and Architecture (3) is a bottom up course that covers CPU organization and micro architectural level design; Instruction set design; register transfer; RISC design principles; data path design; controller design; memory system; addressing; microprogramming; computer arithmetic; survey of real computers and microprocessors; peripheral devices and input/output busses; and introduction to parallel computing. The course is a broad introduction to all aspects of computer systems organization and architecture and serves as the foundation for subsequent computer systems courses. **Prerequisite:** CIE 105.

CSC 251 Digital Systems and Lab (3) This course introduces students to the fundamental concepts of digital systems and gives extended possibilities to have hands on experience with main devices and circuits. Introduction to Digital and Analog Systems, simplification techniques (K map). Larger combinational systems (adders, decoders, muxes, etc.), Sequential systems (latches, flip flops, etc.). Sequential systems applications and design (counters, registers, PLDs, etc.). **Prerequisite:** CIE 105.

CSC 301 Systems Programming (3) This course is an introduction to systems programming concepts and techniques. Topics include: the Intel system architecture, its assembly language, the C language, and how to use these tools for system calls with the low level hardware and the Unix operating system and inter-process communication threads. The functions of an operating system, operating system utilities and programming embedded systems for set top devices will be taught using Java and/or C. **Prerequisites:** MAT 210 and CIE 106.

CSC 415 Advanced Programming Skill (3) The goal of this course is to introduce the students to a specific programming paradigm and an appropriate high level dynamic programming language chosen from those that are currently important in industry or that show high promise of becoming important. A significant portion of the learning curve occurs
through programming assignments with exemplary solutions discussed later in class. **Prerequisites:** CIE 106 and CSC 407.

**CSC 350 System Administration (3)** This course will be an in-depth look at some of the functions that a system platform administrator performs on a daily basis, including planning, resource allocation, and sharing configuration and optimizations for a run-time hosting system covering both hardware (network and non-network) and software (from operating system to application server and client systems). **Prerequisite:** CSC 301.

**CSC 364 Design and Analysis of Algorithms (3)** is a study of techniques to design and analyze the complexity of algorithms. The course builds on CSC 202. More awareness, understanding, and application of a large number of classical algorithms and their complexity and will introduce the area of NP completeness. **Prerequisite:** CSC 202.

**CSC 384 Database Systems (3)** The course will cover the concepts, principles, components, development, and application of database systems emphasizing the relational model. The conceptual models and structures necessary to designing and implementing a relational database system will be taught. Topics to be covered: entity relationship, relational data models, relational algebra, SQL, normalization, file organization, indexing, hashing, and enterprise wide web-based applications that employ databases and emerging database systems supporting cloud computing. **Prerequisites:** CSC 202 and CIE 231.

**CSC 407 Programming Languages Skill (3: lecture, lab)** this will be a study of the syntax and semantics of a diverse set of high level programming languages and paradigms. The languages chosen are compared and contrasted in order to demonstrate general principles of programming language design. The course emphasizes the concepts underpinning modern languages rather than the mastery of particular language details. Programming projects will be provided. **Prerequisites:** CIE 106 and CSC 202.

**CSC 427 Introduction to Artificial Neural Networks (3)** Principles of massively parallel real-time computation, optimization, and information processing via nonlinear dynamics and analog VLSI neural networks. Applications selected from image processing, pattern recognition, feature extraction, motion detection, data compression, secure communication, bionic eyes, auto waves, and Turing patterns. **Prerequisite:** CIE 106.

**CSC 434 Theory of Computation (3)** is an introduction to the classical and contemporary theory of computation covering regular, context free and computable (recursive) languages with finite state machines, pushdown automata, and Turing machines. Basic concepts of computability theory and NP theory. **Prerequisite:** CSC 407.

**CSC 437 Interactive Computer Graphics (3)** is a thorough introduction to computer graphics techniques, including 3D modeling, rendering, and animation. Topics covered: geometric transformations, geometric algorithms, software systems (OpenGL), 3D object models (surface and volume), visible surface algorithms, image synthesis, shading and mapping, ray tracing, radiosity, global illumination, photon mapping, anti-aliasing, animation techniques, and virtual environments. **Prerequisites:** CSC 202 and MAT 312.

**CSC 438 Internet and Web Technologies (3)** This course focuses on Internet and Web technologies and the underlying principles of distributed systems, information retrieval, and data management. The material covered will include web and applications server architectures, XML, and semi-structured data, schema mediation, document indexing and retrieval, peer to peer systems, distributed transactions, and remote procedure calls. The course has a substantial group implementation project. **Prerequisites:** CIE 106 and CSC 384.

**CSC 445 Intro to Parallel and Distributed Programming (3)** for this course, software design experience and programming proficiency in Java is required. Students will undertake a real software design project and be expected to deliver a working product. Topics include widely used programming paradigms such as multi-threading, message passing, and remote procedure calls. In addition, the course covers enough information on synchronization, resource management, and security so that students...
can analyze the correctness of their program and optimize their performance. **Prerequisites:** CIE 302 and CIE 106.

**CSC 453 Advanced Database Systems (3)** This course covers data structures and algorithms used to implement database management systems. Topics include physical data organizations, indexing and hashing, query processing and optimization, database recovery techniques, transaction management, concurrency control and database performance evaluation. Programming projects will be required. **Prerequisite:** CIE 333.

**CSC 456 Design of Web based Systems (3)** introduces students to the underlying infrastructure of the Internet and the World Wide Web. Topics include Internet protocols that support a variety of applications including file transfer, client server computing, peer to peer computing, and Internet messaging and Web syndication. Covers front, middle and back end technologies for non-trivial Internet applications. Introduction to service oriented architectures and Web services and the semantic Internet. Includes and Internet programming project. **Prerequisites:** CIE 106 and CSC 384.

**CSC 465 Artificial Intelligence (3)** This course provides an introduction to the field of artificial intelligence. Topics include knowledge acquisition, knowledge representation, knowledge based search techniques, machine reasoning and learning. Emphasis will be put on algorithms for search, inference, constraint satisfaction and optimization. Applications in tasks such as expert systems, data mining, game playing, natural language understanding, computer vision, speech recognition, robotics and other knowledge intensive problems requiring smart agents will be examined. **Prerequisite:** CSC 407.

**CSC 468 Foundations of Cryptography (3)** The course is devoted to the review of basic cryptographic algorithms, their implementations and usage. Classical encryption techniques and those of Rivest Shamire Adleman and El Gamal will be seen in depth, and an overview of several others will be presented. The course also presents authentication schemes and interactive proof protocols. Students will write a term paper, either theoretical based on literature or reporting a student’s own implementation or experiments with a chosen cryptographic scheme. Depending on the size of the group, some or all students will give a presentation to the class. **Prerequisite:** CIE 333.

**CSC 484 Compiler Design and Interpreters (3)** is a survey of programming languages and the design of modern programming languages. It includes compilation principles and techniques for high level languages. Detailed topics include: lexical analysis, grammars, top down parsing, bottom up parsing, symbol table management, syntax directed translation, principles and techniques of scanning, parsing, semantic analysis, code generation, and optimization. The course involves a substantial programming project to develop a compiler. Overview of run time organization, and error handling. **Prerequisite:** CSC 407.

**CSC 490 Senior Project I (3)** This is about the design and implementation of a significant piece of work: software, hardware, or research. In addition, emphasis is placed on technical writing and oral communication skills. **Prerequisites:** Supervisor Permission and Senior Standing.

**CSC 495 Guided Studies in Computer Science (3)** This is about design and implementation of a significant piece of work: software, hardware, or theory under the supervision and direction of the instructor. Students are required to submit a final written report and give a final presentation and demonstration of their project. Grades are based on the report, the presentation and the satisfactory completion of the project. These are evaluated by the Project Advisor and the Course Instructor. **Prerequisites:** CSC 490 and Supervisor Permission.

**ECONOMICS**

**ECO 101 Introduction to Economics (3)** introduces basic principles of economics and their application in Nigeria. Topics include: supply and demand, consumer and firm behavior, inflation, economic growth, and international trade. This course is designed for students not majoring in economics. **Prerequisite:** None.
ECO 210 Principles of Microeconomics (3) introduces the basic principles of microeconomics and their applications: supply and demand, operation of markets, consumer and enterprise behavior, competition and monopoly, income distribution and international trade. **Prerequisite:** MAT 111 (formerly MAT 101).

ECO 220 Principles of Macroeconomics (3) introduces the basic principles of macroeconomics, stressing national income, unemployment, inflation, economic growth, business cycles and open economies. **Prerequisite:** MAT 111 (formerly MAT 101).

ECO 230 Introductory Mathematics for Economists (3) introduces and applies some basic mathematical tools needed for economics majors. Topics include the following: functions and economic models, logarithms and exponential growth, linear models and basic matrix algebra, review of univariate differential calculus, univariate optimization, and multivariate calculus. **Prerequisites:** MAT 120 or higher (D-grade or above minimum) or by Instructor approval.

ECO 310 Intermediate Microeconomics (3) focuses on the theory of markets and prices: decision-making by individuals and firms, equilibrium conditions under various market structures, and issues of individual and social welfare. **Prerequisites:** ECO 201 and ECO 202, MAT 112 (formerly MAT120) or higher level mathematics course.

ECO 320 Intermediate Macroeconomics (3) covers the basic models of national income determination and financial markets. The course includes application of policy problems such as inflation, unemployment and balance of payments disequilibria. **Prerequisites:** ECO 210 and ECO 220 and MAT 112 (formerly MAT 120) or higher level mathematics course.

ECO 321 Money and Banking (3) examines the role of money and credit in the economy. Topics include the structure and operations of commercial banks, central banking and the operation of monetary policy, non-banking institutions and the structure of financial markets, and elements of monetary theory. **Prerequisites:** ECO 210 and ECO 220 and MAT 210 or higher level mathematics course.

ECO 330 Foundations of Econometrics (3) introduces the student to the basics of statistics and probability theory necessary for ECO 331 ‘Econometrics I’. The course also includes extensive coverage of data collection and analysis. Students will be use Statistical software package chosen by the instructor to complete lab assignments. These features will provide students with an overall understanding of statistics and probability and its relevance to not only economics and econometrics but to social science and business applications. **Prerequisites:** ECO 210, 220, and 230.

ECO 331 Econometrics I (3) reviews the theory of statistics and statistical techniques. This course emphasizes the application of statistical models to economic models. Topics include regression analysis and estimation of economic models, including violations of the basic assumptions of the regression model, dummy variables, autocorrelation, heteroskedasticity, cross-section and time series data analysis. **Prerequisites:** ECO 210 and ECO 220 and STA 101 and MAT 210 . Recommended but not required: STA 301.

ECO 340 Development Economics (3) surveys various economic theories and models elaborating the process of development. The course considers the meaning of economic development; the fundamental analytics of economic growth. Inequality, credit markets, and capital markets in so called developing countries are also discussed. **Prerequisites:** ECO 210 and ECO 220 and MAT 210 or higher level mathematics course.

ECO 341 Environmental Economics (3) Explores economic approaches to environmental and natural resource issues with the principal objective of elucidating the basic concepts, approaches and
methods of environmental and natural resource management and policy issues. **Prerequisites:** ECO 210 and ECO 220 and MAT 112 (formerly MAT 120) or higher level mathematics course.

ECO 350 International Trade (3) expands on the principles studied in the introductory and intermediate courses and uses these principles to explain the basis for trade and the gains from trade. The course focuses on balance of payments, exchange rates, interest rates, and open economy macroeconomic theories. **Prerequisites:** ECO 210, ECO 220, MAT 210.

ECO 351 International Finance (3) focuses on foreign exchange markets, forecasting exchange rate, currency risk hedging techniques, and currency derivative instruments. In addition, macroeconomic policies, international portfolio management, and investment practices of multinational firms will also be reviewed. **Prerequisites:** ECO 210, ECO 220, MAT 210.

ECO 352 International Political Economy (3), cross-listed with ICP 361, examines the major economic and political systems with emphasis on implications for resource allocation, income distribution and economic growth. **Prerequisites:** ECO 220 and ICP 131 or ICP 161.

ECO 361 Public Choice: The Study of Self-Interested Government (3) Studies “politics without romance.” Rather than assuming, as most of economics does, that governments are benevolent and seek to maximize social welfare, public choice theory asks how the private incentives of policymakers from presidents, prime ministers, and kings to legislators, bureaucrats, and civil servants affect optimal policy choice and implementation. Topics include: market failure and government failure, the median voter theorem, rent-seeking, ideology, corruption, the optimal scope of government, and political history of post-colonial Africa. **Prerequisites:** ECO 210, 220, and 230; OR ICP 101 and 161.

ECO 362 History of Economic Thought (3) surveys the development of economic thought from Aristotle to Adam Smith, and modern economists from Ricardo to the present including such figures like Malthus, Mill and Keynes focusing on the conceptual foundations of economics, particularly the problems of value, distribution, and economic growth. **Prerequisites:** ECO 210 and ECO 220.

ECO 410 Advanced Microeconomics (3) This course provides an overview of major theoretical contributions using microeconomic theory. The course is intended to give participants a sense of different fields in microeconomics (see details below). The course also includes various reading from academic journal articles that approximately coincide with each area of microeconomics. **Prerequisites:** ECO 310 and 320.

ECO 411 Game Theory (3) focuses on the principles of rational behavior in strategic situations and various notions of equilibrium useful in predicting outcomes. Applications from economics, business, politics, law and biology are presented. **Prerequisites:** ECO 310, ECO 320, and MAT 210.

ECO 420 Advanced Macroeconomics (3) Macroeconomics is a study of economy-wide outcomes as a result of aggregating behavior of people (consumers) and firms (producers). The principles of micro and macro will give you the tools needed to take other economics courses. Advanced Macroeconomics continues to expand on these principles more in depth and introduces new subject areas where advanced principles are applied. **Prerequisites:** ECO 310 and 320.

ECO 422 Monetary Economics (3) studies the effects of monetary variables on the macroeconomic system, the role of the Central Bank and the conduct of monetary policy emphasizing on the concept of money, interest rates, money supply mechanism, classical and modern theories of demand for money including Friedman’s theory, the global financial system, interaction between monetary and fiscal policies, the transmission mechanism, monetary policy tools, strategies and goals including inflation targeting and Taylor rules. **Prerequisites:** ECO 101, ECO 320, ECO 321, MAT 210.

ECO 430 Advanced Mathematics for Economists (3) focuses on mathematical methods applied specifically to economic questions. Focus includes constrained and unconstrained
optimization, choice under uncertainty, general equilibrium and welfare economics, dynamical systems and control theory, game theory.

Prerequisites: ECO 310 and ECO 320.

ECO 431 Econometrics II (3) includes elements of statistical decision theory and related experimental evidence; some game theory and related experimental evidence; maximum likelihood; logic, normal profit, and ordered profit regression models; panel data models with random effects; omitted variable bias and random assignment; incidental parameters and conditional likelihood; demand and supply. **Prerequisite: ECO 341.**

ECO 440 Advanced Economic Development (3) This course will introduce the major ways in which economists have described the process of economic growth as well as the lessons learned during a century of notable innovation--successes as well as failures--in attempts to foster socio-economic development. Students taking this class will emerge with methodological tools, models, case studies, and exposure to historical context that will make them more thoughtful and effective practitioners in the field of international development. **Prerequisites:** ECO 310 and ECO 320 and ECO 340 and MAT 210 (formerly MAT121).

ECO 442 Urban and Regional Economics (3) Urban and Regional Economics introduce the basic principles of city economics and location theory. Rent, urban problems, transportation and housing are all studied in the context of economic applications to regional theory and the theory of the city. **Prerequisites:** ECO 310, 320, 330 and MAT 121

ECO 450 Industrial Organization (3) studies the theory and the empirical evidence concerning the organization of firms and industries. It focuses on industry structure, on conduct and performance, and on more recent advances based on microeconomic theory, including transaction cost economics, strategic behavior and information theory. **Prerequisites:** ECO 310 and ECO 320.

ECO 460 Comparative Economic Systems (3) Students will examine the historical development of the economic systems and the increasing interdependence of economies, governments, and public policy. Economic theories in capitalism, socialism and communism will be explored within the context of globalization. Contemporary global economic issues will be analyzed using case studies from various nations. **Prerequisites:** ECO 310 and 320.

ECO 461 Political Economy of Globalization (Cross-listed with ICP 444) (3) Lessons will consist of seminars. During each seminar the students will discuss their reactions to the assigned readings. After the seminar, students will post their reaction essays based on the assigned readings and the class discussion. Students will also have to submit 3 written assignments: an abstract and an annotated bibliography to be submitted in Week 7, and a research paper to be submitted in Week 15. There will be a mid-term and a final examination. **Prerequisites:** ECO 310 and 320; OR ICP 101 and 161.

ECO 490 Senior Research Project I (3) investigates special topics in economics chosen by the instructor. A thesis paper is required. This course is a prerequisite for ECO 491 Senior Research Project II, during which the papers produced in this course will be polished and ideally prepared for publication. **Prerequisites:** Senior standing or higher; ECO 310 and ECO 320.

ECO 491 Senior Research Project II (3) investigates special topics in economics chosen by the student. Using the literature review and research proposal which the student produced in ECO 490, the student will perform actual research in economics producing new knowledge. Final projects must include at least one of the following: multivariate regressions, qualitative analysis of in-depth interviews, a mathematical model, or significant policy analysis. **Prerequisites:** Senior standing or higher; ECO 310, ECO 320, ECO 331, ECO 490, and WRI 321.

ECO 492 Independent Study (1-6). **Prerequisites:** 2.0 CGPA or higher and Junior/Senior standing.

ECO 493 Internship in Economics (3) **Prerequisites:** Permission of Department Chair and CGPA minimum 2.0 or higher and Junior/Senior standing.
ENGLISH

ENG 101 Introduction to the Study of Literature (3) introduces student to literary genres and approaches to the reading and appreciation of literary works, with readings drawn from the best of world literatures. Prerequisite: WRI 101.

ENG 201 Introduction to American Literature (3) introduces students to the works of major American writers in various literary forms. Prerequisite: WRI 101.

ENG 203 Language and Society (3) examines the relationship between language and society. Students will be introduced to basic sociolinguistics concepts such as bilingualism, multilingualism, speech communities, standard and non-standard language, dialects, registers, language variation, language death, language maintenance, and language shift. Prerequisite: none.

ENG 211 Introduction to British Literature (3) introduces students to the works of major writers in the British tradition in various literary forms. Prerequisite: WRI 102.

ENG 221 Introduction to African Literature (3) introduces students to the works of major African writers including the oral tradition in African literature. Prerequisite: WRI 102.

ENG 301 Introduction to the Study of Language (3) introduces the concepts of linguistics and language study. Prerequisite: WRI 102.

ENG 302 History of the English Language (3) provides a survey of the development of English from its roots to the present day with attention to major linguistic and historical events that shaped the language. Prerequisite: WRI 102.

ENG 304 English Syntax I (3) provides a comprehensive description of the syntactic structures of English using insights from both traditional and Modern approaches; the goal is to provide the student with a thorough knowledge of English grammar and how it can be used effectively to achieve a given purpose. Prerequisite: WRI 102.

ENG 306 English Poetry and Prose I: Beginnings to Eighteenth Century (3) focuses on major poets, essayists, short story authors and novelists from the medieval era to the eighteenth century. Authors to be studied will include Chaucer, Shakespeare, Spenser, Milton, Swift, Pope, Dryden, Johnson, and more. Prerequisite: WRI 102.

ENG 309 Literary Criticism (3) examines the Aristotelian (Intrinsic) criticism and the Platonic (Extrinsic) criticism; the elements of Art theory as they apply to literature and focus on contemporary critical approaches: Moral approach, Psychological approach, Sociological approach, and the Formalistic approach. It also explores new criticism and the application of critical theories to works of art; African literature and its criticism. Prerequisite: WRI 102.

ENG 310 Modern Drama (3) provides an Intensive examination of major contemporary works in drama drawn from different regions of the world. Prerequisite: WRI 102.

ENG 311 Literature of the Diaspora (3) surveys African American and Caribbean literature from colonial times to the present. It will include authors such as William Wells Brown, Phillis Wheatley, Frederick Douglass, Paul Lawrence Dunbar, Langston Hughes, Zora Neale Hurston, Richard Wright, Jamaica Kincaid, Derek Walcott, Ralph Ellison, and Toni Morrison. Historical and cultural movements are included. Prerequisite: WRI 102.

ENG 312 Phonetics and Phonology (3) provides practical knowledge and skills for the study of speech sounds as physical entities in terms of articulation, acoustics, and aural perception (phonetics) and conceptual frameworks for the study of the systematic patterning of speech sounds as linguistic units (phonology). Prerequisite: WRI 102.

ENG 313 Semantics and Pragmatics (3) provides a comprehensive introduction to the study of meaning and how context of utterance affects human communication. Topics covered will include semantic fields, extensions and prototypes, deixis, anaphora, speech acts, presupposition, and conversational implicature. Prerequisite: WRI 102.

ENG 314 English Language in Nigeria (3)
studies the history of English language in Nigeria; focus will be on the evolution of a Nigerian standard. The distinctive characteristics of Nigerian languages and how they affect production and performance will also be studied. **Prerequisite:** WRI 102.

**ENG 315 Introduction to World Literature in Translation (3)** introduces students to the works of major world authors other than American, British and African. **Prerequisite:** WRI 102.

**ENG 316 Literature and Film (3)** explores the complex interplay between film and literature. Selected novels, short stories and plays are analyzed in relation to film versions of the same works in order to gain an understanding of the possibilities and problems involved in the transposition to film. The aim of the course is to sharpen appreciation of film and literary fiction by studying the differences and similarities between the ways that filmed narratives and written narratives tell their stories. **Prerequisite:** WRI 102.

**ENG 320 Introduction to Creative Writing Fiction (3)** explores the artistic challenge of mimesis, or the creation of life-like worlds. Focus will be on what exists in the real world with the goal of creating authentic and believable characters. **Prerequisite:** WRI 102.

**ENG 330 Language and Politics (3)** examines how political actors use language to talk about politics (the language of politics) and how politics also influences language (the politics of language). Through the analysis of various genres of written and spoken communication (e.g., speeches, party platforms, news coverage), students will learn to recognize and assess the motivation behind and effect of different rhetorical strategies used in political discourse. **Prerequisite:** WRI 102.

**ENG 401 Studies in American Literature (3)** provides an in-depth study of one or more topics in American literature. Topics vary. **Prerequisites:** One or more ENG courses and WRI 102 and junior/senior standing.

**ENG 410 Advanced English Grammar (3)** provides an intense study of English grammar with a focus on core grammatical concepts relating to different syntactic constructions examined from various grammatical approaches; emphasis will be on practical applications. **Prerequisites:** One or more ENG courses and WRI 102 and junior/senior standing.

**ENG 411 Studies in British Literature (3)** provides an in-depth study of one or more topics and authors in British literature. Topics vary. **Prerequisites:** One or more ENG courses and WRI 102 and junior/senior standing.

**ENG 412 Studies in British Literature: Shakespeare (3)** is a landmark in the study of world literature. Selections of Shakespeare's drama include history plays, tragedy and comedy. At least five plays, as well as a sampling of his sonnets and the author's life and the historical and cultural influences on his works will also be studied. **Prerequisite:** One or more ENG courses and WRI 102 and junior/senior standing.

**ENG 413 Oral Literature (3)** examines the various forms of oral literature such as myths, legends, folktales, proverbs, riddles, African traditional poetry, and the epic. Students will be required to carry out field work and collect sample materials for analysis. **Prerequisites:** One or more ENG courses and WRI 102 and junior/senior standing.

**ENG 414 Studies in American Literature: Mark Twain (3)** examines the works of Mark Twain, ranging from memoir to historical romance, from frontier humor to social realism. Readings include Adventures of Huckleberry Finn, The Adventures of Tom Sawyer, Pudd'nhead Wilson, A Connecticut Yankee in King Arthur's Court, Roughing It, and The Innocents Abroad. **Prerequisites:** One or more ENG courses and WRI 102 and junior/senior standing.

**ENG 416 Language and National Development (3)** focuses on the constraints placed on national development by the linguistic situation in developing African nations. **Prerequisites:** One or more ENG courses and WRI 102 and junior/senior standing.
ENG 418 Studies in English Poetry and Prose: Nineteenth Century to the Present (3) provides a continuation of English Poetry and Prose I. It is a survey of the major poets, essayists, short story authors and novelists of British literature from the nineteenth century to the present. Historical and cultural movements of England are included. Prerequisites: One or more ENG courses and WRI 102 and junior/senior standing.

ENG 421 Studies in African Literature (3) provides an in-depth study of one or more topics and authors in African literature. Topics vary. Prerequisites: One or more ENG courses and WRI 102 and junior/senior standing.

ENG 425 Phonetics, Phonology, and Morphology (3) introduces students to how speech sounds are produced, how they are classified and transcribed, and what rules govern their production. The course will also examine the structure of words and various morphological processes, with practical applications to English. Prerequisites: One or more ENG courses and WRI 102 and junior/senior standing.

ENG 426 Stylistics (3) helps students develop a fuller and articulate awareness of language through stylistic analysis of literary texts. A wide range of literary devices will be studied for their literary effects. Prerequisites: One or more ENG courses and WRI 102 and junior/senior standing.

ENG 431 Studies in World Literature in Translation (3) provides an in-depth study of one of more topics and authors in world literature in English translation. Topics vary. Prerequisites: One or more ENG courses and WRI 102 and junior/senior standing.

ENG 441 Special Topics in English Language and Literature (3) provides an opportunity for students to study one or more topics in depth in a seminar setting. Topics vary and may encompass more than one national literature. Students may repeat the course, if the topic changes, for additional credit with the permission of the instructor. Prerequisites: One or more ENG courses and WRI102.

ENG 490 Senior Research Project in Language and Literature (3) provides students with the opportunity to carry out an in-depth study of a subject or topic in their field of concentration under the guidance of a faculty member. Prerequisites: One or more ENG courses and WRI 102 and junior/senior standing.

ENTREPRENEURSHIP

ENT 101 Entrepreneurship and Development (3) (formerly SBE101) examines the history and major ideas of development, how they have changed over time based on progress and failures, helps you learn more about your country and a comparative view of your country’s challenges and progress. It also provides you with an introduction to entrepreneurship, both from a conventional and a social entrepreneurship perspective, and its linkages to development. Prerequisite: None.

ENT 201 Entrepreneurship (3) (formerly SBE 320) is the second required course for all students in the GER entrepreneurship mandate of the Board of Trustees. Students will engage in an entrepreneurial field experience in order to study in more depth aspects of running a business, to create a business plan for a business of their own, and to study business plans of small and large businesses. Prerequisite: ENT 101 and Sophomore Standing.

ENT 320 - Technology Entrepreneurship (3) explores how to start and operate technology ventures, with an emphasis on the process technology entrepreneurs use to start companies. The course also explores frameworks and analytical tools that are critical for the development of technology strategy; for deciding which technologies to invest in, how to structure these investments to create value; and how to capture that value; to understand how new technologies change the way we work and interact, and consequently how to anticipate and respond to the behavior of customers, suppliers, and competitors. Students from any background including engineers and scientists who want to actually be entrepreneurs would benefit from this course. Prerequisites: ENT 101 & CIE 111.

ENT 325 Social Entrepreneurship (3) introduces students to social entrepreneurship and non-Profit Enterprises (NPEs). Students will learn about the
triple bottom line social return to mission customers; operational performance return for sustainability for organizational and brand value; and stakeholder/donor return. It also covers how and why of socially responsible not-for-profit firms. The essential steps for launching, building and driving a non-profit enterprise will be covered. Students will develop a NPE start-up model, provide NPE business model analysis, and develop a 5 year personal philanthropy plan. **Prerequisite: ENT 101.**

**ENT 326 Microfinance and Economic Development (3)** introduces students to microfinance and economic development. Students will learn about the relationship between microfinance and social development. The focus will be on the role of international poverty alleviation efforts. They will also look at the history and evolution of the field, from both a theoretical and practical perspective. While the roles of various constituencies will be examined, emphasis will be on the practitioners’ perspective and challenges faced. **Prerequisite: ENT 101.**

**ENT 328 Innovation for a Sustainable Society (3)** explores different forms of sustainable innovations in products and services with a focus on strategies for energy, transportation, food provision, etc. A central proposition for this course is that markets can be made to work for environmental and social sustainability, and that entrepreneurial action to capture economic value associated with environmental resources can alleviate unsustainable economic systems: entrepreneurs can take an important and a lead role in resolving social and environmental challenges. **Prerequisite: ENT 101.**

**ENT 340 Entrepreneurial Sales and Marketing (3)** covers various aspects of marketing an entrepreneurial venture. Major topics include positioning and segmentation, new product/service offerings, pricing, and distribution. Discussion of how new products are rolled out in the market place. Sales Management, promotional mix, and branding will be discussed. **Prerequisites: ENT 201 and Junior/Senior Standing.**

**ENT 345 Entrepreneurial Innovation (3)** provides students with the skills to explain the concept of innovation and the elements of creativity. They will also understand how innovation can work within companies. Students will understand when paradigms should be broken and how one can make more successful businesses. They will be able to understand the culture and environment which make innovation possible within organizations. **Prerequisites: ENT 201 and Junior/Senior Standing.**

**ENT 426 Social Entrepreneurship Research (3)** teaches students how to conduct research on an ongoing social entrepreneurship project. It will provide students with the tools to analyze and report on social entrepreneurship endeavor. The focus will be on preparing and publishing research findings in a journal article or case format. **Prerequisites: Senior Standing.**

**ENT 430 Financing Entrepreneurial Ventures (3)** examines various aspects of financing an entrepreneurial venture. Major topics include attracting seed and growth capital from sources such as venture capital, investment banking, government, and commercial banks. Among the issues discussed are valuing a company, going public, selling out, acquisitions, bankruptcy, different legal forms of organization, and partnerships. **Prerequisites: ENT 201 and Senior Standing.**

**ENT 440 Managing a Growing Business (3)** covers various aspects of marketing an entrepreneurial venture. Major topics include positioning and segmentation, new product/service offerings, pricing, and distribution. The course will also focus on how new products/are rolled out in the market; explaining sales management, promotion, advertising, and branding. **Prerequisites: ENT 201 and Junior/Senior Standing.**

**FINANCE**

**FIN 201 Business Finance (3)** introduces business finance, including global aspects; acquisition and use of short-term funds and long-term capital; overview of money and capital markets; management of assets, liabilities and capital accounts; financial analysis and time value of money; cash operation and
long-range budgeting; leasing; corporate securities; dividend policy; and cost of capital. **Prerequisites:** QBA 201.

**FIN 310 Financial Statements Analysis (3)** provides students with the skills needed to read, analyze and interpret the information contained in a company's financial statements. It integrates accounting and financial principles and discusses the ethics of both professions. **Prerequisites:** FIN 201 and ACC 201.

**FIN 320 Financial Institutions and Markets (3)** provides an overview of the banking industry with an emphasis on commercial bank management. Specific topics include the duration and term structure of interest rates, asset/liability management, and risk and credit management. **Prerequisites:** FIN 201 and WRI 102.

**FIN 330 Security Analysis (3)** covers investment objectives, mechanics of buying and selling financial assets, and portfolio management. The focus is on risk versus return in investment theory, but students also construct and manage real-time hypothetical investment portfolios. **Prerequisites:** FIN 201.

**FIN 340 Corporate Finance (3)** emphasizes long-term (capital budgeting) and short-term investment decisions. The course also covers the total environment in which the financial officer functions with comprehensive coverage of the financial officer's use of budgets as well as financial and accounting concepts. **Prerequisites:** FIN 201, ECO 220 and QBA 201.

**FIN 401 International Financial Management (3)** covers financing of international trade and investment, foreign exchange markets and exchange rate determination, and balance of payments. It focuses on international financial management within the firm. **Prerequisites:** FIN 330 and FIN320.

**FIN 402 Derivative Securities (3)** covers conceptual and practical aspects of the functioning of speculative markets various derivatives. It examines futures, options, swaps, and other products. **Prerequisites:** FIN 330 and FIN320.

**FIN 420 Portfolio Management (3)** emphasizes the portfolio aspects of Investments. Topics covered include in-depth coverage of fixed income portfolio management; equity portfolios; mutual fund portfolios; derivatives options, futures, and forward contracts; international portfolio diversification and ethics in finance. It is a continuation of Fin 330. **Prerequisites:** FIN 330 and FIN 340.

**FIN 430 Financial Modeling (3)** is an applied computer intensive course that illustrates how to use statistical models and technical analysis to forecast future movements of financial variables such as stock prices, exchange rates and interest rates. **Prerequisite:** FIN 201 and QBA 201.

**FIN 440 Corporate Valuation and Financial Strategy (3)** covers concepts and techniques for analyzing financial decisions and Corporate Valuation and Financial Strategy. Topics include valuation techniques for various asset classes, forecasting and estimation of free cash flow, estimating the cost of capital and real options. Valuation is applied to single and multiple projects, individual businesses, subsidiaries and diversified companies. **Prerequisite:** FIN 330 and FIN 420.

**FIN 444 Bank Management (3)** covers topics, such as: problems and the impact of government policy and regulation on banking, regulatory policies associated with liquidity and solvency, assets and liability (GAP) management, management of banks investment portfolio, reserves and earning assets, loans and discounts, financial statement analysis of banks, services, personnel, and public relations in banking. **Prerequisite:** FIN 320.

**FIN 450 Cases in Corporate Finance (3)** emphasizes the case study approach to intermediate financial management (corporate finance). Topics include capital budgeting, corporate governance, mergers, capital structure, dividend policy and short-term financial management. **Prerequisites:** FIN 340 and FIN 310.

**FIN 492 Finance Independent Study (1-6).** **Prerequisites:** 2.0 CGPA or higher and Junior/Senior standing. FRENCH

**FRE 101: Elementary French (3)**
This is a beginners' course for students with little or no knowledge of French language. This introductory course gives training in the basic patterns and structures of French language and culture through reading, listening, writing and speaking. Besides focusing on grammar, elementary French also stresses the importance of communication through use of a wide variety of activities including: group work, oral practice, games and role playing. Through extensive practice in class, students will acquire the basic vocabulary and sentence structures of French. 

Prerequisite: None.

FRE 102: Elementary French II (3)
This course will enable students to develop abilities in reading, writing, speaking, and understanding French. This course is designed to build on French 101 or other previous experience in French, to expand the knowledge of French vocabulary and grammar and offer experience in handling this new knowledge in written and oral forms. It will also help students experience, appreciate and become sensitive to cultural and linguistic differences. Prerequisite: FRE 101.

FRESHMAN SEMINAR

AUN 101: First Year Experience (FYE)
This course will provide students with a support team of instructors, faculty, staff, and classmates which will help them achieve the skills to understand the importance of AUN's mission, higher education, technology, student academic professionalism, teamwork, leadership, integrity, critical thinking and goal setting. Students will also explore and use various AUN resources, actively participate in a student centered co-curricular environment, learn the importance of and participate in public speaking exercises, as well as develop reading and writing skills. Prerequisite: None
FULFULDE

Fulfulde 101: Basic Fulfulde (3) The course introduces participants to the four basic skills of listening (understanding), speaking, reading and writing in Fulfulde. The course offers learners the opportunity to learn and practice the four basic skills in life situations and fields of language use such as in the home, at school, in the office, in the market, etc.

Prerequisite: None

GENERAL EDUCATION

GEN 102: Nigerian Peoples and Cultures (3). This course focuses on the history and the cultures of peoples of Africa and particularly Nigeria. It explores the origin of African and Nigerian peoples, as well the social beliefs, norms and values of the peoples of Nigeria and their respective characteristics. This course also examines a wide range of topics from evolution of Nigeria as a political unit, to the diversity of the ethnic groups in pre-colonial, colonial, and post-colonial Nigeria, to topics such as social justice, political economy, religion, politics, colonialism, law and society, nationalism, and host of other contemporary issues in Nigeria. The actual range of issues examined may vary from one semester to another. Prerequisite: None

GEN 103 (PHI 200): History and Philosophy of Science (3). The aim of this course is to explore the history and the philosophy of science and technology from the first efforts of human beings to investigate, understand and master the natural environment, to the separation between scientific knowledge and other forms of knowledge, the birth of rational and objective thinking, the earliest formulations of scientific laws, to the elaboration and spread of modern science and scientific thought. A special emphasis will be put on the universal character of science as a way of thinking, the contributions of African peoples and all peoples of all continents and cultural traditions to scientific progress, and the common challenges we are facing today, due in part to questionable uses of modern science and modern technology. The case of Nigeria will be specially highlighted as a good example of those challenges in the areas of threat to biodiversity, climatic change, and natural and environmental resources management. The course will also examine the scientific methods and related epistemological issues as well as some of the current theories of science and the relationship between science, society and development, particularly in the African and Nigerian context. Prerequisite: None

GEOLOGY

GEO 101 Introduction to Geology (4: 3 lecture, 1 lab) explores formation of landforms, rivers, groundwater, glaciers, oceans, and volcanoes. Included is the study of minerals and rocks, plate tectonics, the makeup of continents, mountain building, heat flow, magnetism, gravity, rock deformation, earthquakes and the earth's interior, weathering, erosion, transport, deposition, the origin of hydrocarbon and coal deposits, methods of petroleum exploration, global distribution of hydrocarbon resources with emphasis on Nigerian petroleum resources. Prerequisite: None.

GEO 301 Elements of Petroleum Geology (3) provides an understanding of the fundamental concepts of petroleum exploration, geological processes, geological prospecting, and the technology involved in the exploration of crude as also in crude being converted into petroleum. Prerequisite: GEO 101.

GEO 312 Soil Science and Environmental Change (4: 3 lecture, 1 lab) examines past and present change on the Earth from a global geologic perspective, including the study the structure of the earth, plate tectonics, global catastrophes and geologic hazards, human impacts on the environment, global warming, pollution, ozone depletion, acid rain, resources consumption, and population growth. Prerequisite: GEO 101.

HAUSA

Hausa 101: Basic Hausa (3) The course introduces participants to the four basic skills of listening (understanding), speaking, reading and writing in Hausa Language. The course offers learners the opportunity to learn and practice the 4 basic skills in real life situations and fields of language use such as in the home, at school, in the office, in the market, etc. Prerequisite: None
INTERNATIONAL AND COMPARATIVE POLITICS

ICP 101 Introduction to Comparative Politics (3) examines various forms of government and political cultures across time and nations. The first half of the course looks at the variety of principles and concepts having to do with comparative politics. The second half looks at specific case studies such as, for example, Nigeria, South Africa, Mexico, Brazil, India, China, Russia, Germany, Britain and the United States. **Prerequisite: none.**

ICP 131 Introduction to International Relations (3) looks first at the structures and dynamics of the international system of states and then considers alternative perspectives, non-state actors, and a wide variety of issues in global politics including the political economy, information and culture, the environment, development, conflict and conflict resolution. **Prerequisite: none.**

ICP 135 Introduction to International Development (3) this course introduces students to the emerging discipline of sustainable human development (SHD), which utilizes a holistic approach to the challenges of development by taking into account the interaction between economic, environmental, political, and social processes. Students will examine the theory, methods, and goals of development on a global scale through articles and case studies. Students will emerge from the course with a greater understanding of what fosters successful development, what policy options and strategies are available to overcome challenges, and how development standing can be measured through the use of indicators and comparative analysis. **Prerequisite: None.**

ICP 161 Introduction to Political Theory (3) introduces students to political theories, primarily those within the Western tradition, as well as the key names and texts within this tradition. Consideration will also be given to the relationship between the “modern” (post-1500) Western tradition and Islamic traditions of political thought. **Prerequisite: None.**

ICP 186 Introduction to Public Administration (3) focuses largely on policy implementation and to a lesser degree on public policymaking. This course is designed to examine the role of administration in government. It explores various trends in public administration as well as examining the unique circumstances involved in administering public organizations. **Prerequisite: None.**

ICP 187 Introduction to Public Policy (3) focuses on understanding how public policies are made, how the policy processes work and shape public policy. It examines why certain problems make their way to the policy agenda and why some policies are adopted; why others are rejected, and why some policies seem to succeed while others appear to fail. It specifically focuses on public policy at the national level, exploring a wide range of policy areas, including education, economy, society, globalization, sustainable development, environmental, foreign policy, and other problems. **Prerequisite: None.**

ICP 205 Contemporary African Politics (3) focuses on the basic concepts and theoretical models used in studies of politics in Africa from the pre-colonial era to the contemporary period and introduce students to African traditions and experiences of colonialism and the struggle for independence that have shaped modern-day politics. **Prerequisite: ICP 101 or ICP 131.**

ICP 210 Contemporary American Politics (3) covers the basics of the American political system including the Constitution, separation of powers, American federalism, and the legislative, executive and judicial branches. **Prerequisite: ICP 101 or ICP 131.**

ICP 215 Contemporary European Politics (3) survey the political systems of selected European states, parliamentary and mixed systems, constitutional monarchies, different electoral systems, etc. **Prerequisite: ICP 101 or ICP 131.**

ICP 220 Politics of the Middle East (3) focuses on the internal politics of selected Middle East states and addresses questions such as movements toward democracy, human rights, and the Israeli-Palestinian conflict. **Prerequisite: ICP 101 or ICP 131.**

ICP 224 The Politics of Latin America and the Caribbean (3) provides a survey of politics in Latin America and the Caribbean. Special attention will be paid to Mexico, Brazil and Argentina. It emphasizes
the history of imperialism, underdevelopment, military rule, external influence and democracy that has created modern Latin America. It will also examine the continuing contentious relationship with the West, in particular the United States. **Prerequisite:** ICP 101 or ICP 131.

**ICP 225 Politics of Modern Asia (3)** provides a survey of the internal political systems and foreign policies of contemporary Asian states with emphasis on India, China and Japan. **Prerequisite:** ICP 101 or ICP 131.

**ICP 231 International Organizations (3)** studies the operations, goals and roles of various international organizations including the UN, its subsidiary organizations, the EU, the AU, ASEAN, NATO and INGO's. **Prerequisite:** ICP 131.

**ICP 232 Model United Nations (1)** helps students prepare for an intercollegiate Model United Nations (MUN) competition both at home and abroad. The objective is to seek, through discussion, negotiation and debates, solutions to the various problems of the world. It emphasizes an introductory survey of the concepts, institutions, processes, and forces at work in the UN. **Prerequisite:** None.

**ICP 235 African Union and African International Relations (3)** explore the origins and development of the AU, intra-African relations, relations with other international organizations and the wider world. **Prerequisite:** ICP 131 or ICP 205.

**ICP 240 American Foreign Policy (3)** offers a general survey of American foreign policy historically, America's role in the contemporary world, America's relations with international organizations and with various regions of the world. **Prerequisite:** ICP 131 or ICP 210.

**ICP 261 The Origins of Western Political Philosophy (3)** focuses on the primary texts of Ancient political theory. Topics addressed will include the nature of justice, the tension between democracy and empire and the relationship between philosophy and politics. Readings include Sophocles, Thucydides, Socrates, Plato, Aristotle, the Stoics, and St. Augustine. **Prerequisite:** ICP 161.

**ICP 263 Modern Political Theory (3)** focuses on the development of modern political philosophy. Topics which will be addressed include the emergence of the modern subject, the relation between economics, politics and human nature. Readings include, among others, Descartes, Machiavelli, Hobbes, Locke, Rousseau, Kant, and Nietzsche. **Prerequisite:** ICP 161.

**ICP 287 Public Policy Analysis (3)** is designed to expose students to the field of public policy analysis. Public policy analysis is the science of providing problem-solving advice to policy-makers, or citizens. Public policy analysis requires skills and expertise critical to underlying policy context and producing analyses to the concerned parties. **Prerequisite:** ICP 101, or ICP 186 or ICP 187.

**ICP 288 State and Local Government (3)** This course is an analysis of the formation and implementation of policies at the state and local levels. State and Municipal management concerns with human and financial resources, city and town planning. Services and related cases are examined, particularly in the context of Africa. **Prerequisite:** None.

**ICP 301 Topics in Comparative Politics (3)** addresses selected issues in comparative politics including, but not limited to, public policy, democracy, human rights, civil society, freedom of speech, political parties, etc. **Prerequisite:** ICP 101.

**ICP 302 Politics of Development and Underdevelopment (3)** focuses on the origins of underdevelopment and the various proposals for overcoming it: modernization theory, dependency, imperialism, neo-colonialism, culture, religion, etc. **Prerequisite:** ICP 101 or ICP 135.

**ICP 303 Comparative Studies in Transitional Societies (3)** focuses on selective countries and regions undergoing a transition from authoritarian (communist, military) regimes to more open and democratic regimes. **Prerequisite:** ICP 101 or ICP 135 or ICP 131.

**ICP 304 Democracy and Elections in Africa (3)** begins with an examination of democratic theory and
practice. It then examines several case studies of African elections and the degree to which democratic procedures and results were actually implemented. **Prerequisites: ICP 101 and ICP 205.**

**ICP 305 Contemporary Nigerian Politics (3)** addresses the internal political processes of modern Nigeria including issues such as regionalism, ethnicity, religion, democracy, the military, and corruption. **Prerequisites: ICP 101 and ICP 205.**

**ICP 306 Topics in African Politics (3)** concentrates on the politics of a particular region (East Africa, West Africa, Southern Africa, the Horn, the Maghreb, etc.) or a specific country (e.g. South Africa, Tanzania) or a theme (democracy, poverty, corruption, natural resources, the military, civil war, and religion). **Prerequisite: ICP 205 or ICP 305.**

**ICP 307 Politics of Contemporary South Africa (3)** provides an in depth examination of the domestic and external politics of the Republic of South Africa. It looks closely at South African history, the creation of the apartheid state and the ultimately successful struggle to create a non-racial democracy. It also looks at the problems --economic, political, racial and ethnic--that have emerged in the post-apartheid period as well as at the mechanisms for overcoming those problems. **Prerequisites: ICP 101 and ICP 205.**

**ICP 308 The Press and Politics in Africa (3)** focuses on the role of the media in influencing and shaping politics in Africa. Attention will be paid to traditional print, radio and television media in addition to examining the role of the Internet and web-based sources. **Prerequisite: ICP 205.**

**ICP 319 Russia and Post-Communist Society (3)** examine the politics of post-communism in what were the Soviet Union and its allies with a particular emphasis on the Russian Federation. Specific attention is paid to the evolution of democratic procedures, political culture, and popular participation in these formerly one-party states. **Prerequisite: ICP 215.**

**ICP 320 Islam and Politics (3)** explores the intersection of Islam and politics as a global phenomenon in the modern era. **Prerequisite: ICP 220**

**ICP 325 Great Power Politics in Asia: China, Japan and India (3)** examines and compares the domestic and international politics of the three great Asian political and economic powers: China, India and Japan. All three of these states have varied and complex political histories and a relatively recent political and economic transition and experience with democracy: one still ruled by a Communist Party that has moved radically towards a private enterprise economy; another with a fascist past, an American imposed constitution, an innovative capitalist political economy and, until recently, virtual one-party rule; a third that emerged from centuries of colonial rule with what is probably the most robust, albeit combustible, democracy in the region. **Prerequisite: ICP 225.**

**ICP 331 Topics in International Relations (3)** focuses on a selected issue in international relations: human rights, gender, religion, democracy, war, peace, terrorism, international security. **Prerequisites: ICP 131 or ICP 135.**

**ICP 332 International Political Economy (3)** provides a detailed analysis of the way in which politics and economics intersect at the international level. It is cross-listed with ECO 361. **Prerequisites: ICP 131 or ICP 135.**

**ICP 333 International Relations Theory (3)** provides an overview of some of the major theoretical perspectives (realism, liberalism, constructivism, structuralism, and beyond) in the international relations field. It also prepares students with cutting-edge analytical tools in applying these different perspectives to a real world situation. **Prerequisite: ICP 131.**

**ICP 336 Women and Development (3)** provides an interdisciplinary approach to examine the multiple roles women play in developing countries. It looks at the variety of themes relevant to women in the developing world, including theories of development, reproductive and productive labor, sexuality, population, globalization, motherhood, revolution, and feminism. **Prerequisite: ICP 131 or ICP 135.**

**ICP 345 European Integration (3)** addresses the
issue of supra-national organizations and international integration. The course specifically looks at the origins of European integration after World War II and the gradual, yet steady, progress from a coal and steel community, through the EEC and the EC to currency integration and the EU. **Prerequisite: ICP 131.**

**ICP 361 Topics in Political Thought (3)** focuses on selected topics or a specific topic in political theory. Specific content depends upon the Instructor. **Prerequisite: ICP 161.**

**ICP 362 Modern Political Theory Polity and Economy (3)** studies in 18th through 20th century theories centering on the themes of capitalism, labor, alienation, freedom, and morality. Authors include Locke, Smith, J.S. Mill, Marx, Weber, Rawls, Nozick, Hayek, Schumpeter, Walzer, Galbraith, and Friedman. **Prerequisite: ICP 161.**

**ICP 363 History of Economic Thought (3)** surveys the development of economic thought from Aristotle to Adam Smith, Ricardo and Marx to Malthus, Mill, Keynes and von Hayek to Amartya Sen and the present. It is cross listed with ECO 365. **Prerequisite: ICP 161.**

**ICP 364 Contemporary Political Theory (3)** deals with philosophical developments of moral and political significance in the 20th century. Using the writings of selected authors, such as Arendt, Freud, Heidegger, Sartre, Marcuse, Foucault, and Habermas, it will focus on various modern movements of thought: existentialism, critical theory, neomarxism, hermeneutics, feminism and postmodernism. **Prerequisite: ICP 161.**

**ICP 366 African Political Thought (3)** surveys the principle figures and issues in African political thought. It begins with an examination of the parameters and scope of the field, and then proceeds in three parts: first, central presuppositions of African political thought, for example, human nature, the relation between soul and body, and the relation of these categories to the two traditions in African political philosophy. It also engages issues around colonialism and the colonial legacy, utilizing such authors as Frantz Fanon, Albert Memmi, Julius Nyerere and Kwame Nkrumah. It covers recent African political thought, including such authors as Mamood Mamdani, Pal Ahluwalia, Ashwin Desai -- as well as contemporary Nigerian authors such as Polycarp Ikuenobe. **Prerequisite: ICP 161 or ICP 306.**

**ICP 367 Post-Colonial Political Thought (3)** explores the colonial legacy from the vantage points of epistemology, ethics, and politics. Engaging the seminal works (Franz Fanon and Aimé Césaire, among others) the course explores issues pertaining to contemporary Africa -- questions of identity, culture, epistemology -- as well as the relation between post-colonialism and the politics and economics of globalization. **Prerequisite: ICP 161.**

**ICP 370 American Political Thought (3)** addresses basic problems of political theory within the American setting. It explores both the mainstream tradition and some branches of the counter tradition of political ideas in America, focusing on the themes of authority, community, equality, and liberty. Authors include The Federalists, Jefferson, Lincoln, Douglass, Emerson and Thoreau. **Prerequisite: ICP 161.**

**ICP 371 African American Political Thought (3)** surveys the principal figures and issues in African American political thought. The core portion of the course will examine the classical writings of Booker T. Washington, W.E.B. DuBois, Marcus Garvey, Malcolm X and Martin Luther King, among others. The subsequent portion will consider contemporary authors such as bell hooks and current issues in African American political thought such as the persistence of racial inequality, the politics of gentrification and feminist theory. **Prerequisite: ICP 161.**

**ICP 376 Islamic Political Thought (3)** provides an understanding of the general development of political thought in Islamic civilization with an awareness of the key figures and their importance to this evolution. Among others we will look at the political though of Muwardi, Nizam al-Mulk, Ghazali, ibnRushd, ibn Taymiyyah, ibnKhalidun, Ali Shariati and Zia Gökalp. **Prerequisite: ICP 161.**

**ICP 387 Organizational Behavior and Administrative Communication (3)** presents an
analysis of the elements that make up complex organizations and the factors that affect human behavior within them, with emphasis on the processes of interpersonal and group communication. **Prerequisites:** ICP 186 and ICP 187.

**ICP 388 Public Management (3)** An introduction to organization and management theories and practices as they concern federal, state and local governments. This course examines fundamental issues underlying the field of government and nonprofit management. Topics include ethics in public service, leadership, strategic management, human resources and budget. **Prerequisite:** (ICP 101) or ICP 186, or ICP 187.

**ICP 389 Public Personnel Administration (3)** This course provides an introduction to the major dimensions of public personnel administration and to some of the major issues confronting those with public personnel management responsibilities. It explores the development of public personnel management, in federal, state, and local government, strategic management, position management; the processes used in staffing and training, including recruitment, selection, performance management, compensation, work place relations, and discipline, all of which are crucial to effective public management in the 21st century. **Prerequisite:** ICP 101, ICP 186, or ICP 187 or Junior or Senior Standing.

**ICP 390 Non-Profit Sector Management (3)** covers the historical, contemporary context and management of nonprofit organizations. Specifically, it examines issues ranging from functions, theories, legal, regulatory, policy and ethical aspects of the nonprofit sector. Closer attention will be paid to common themes that have been relevant in nearly all nonprofit organizations, and some of these include: organizational development, volunteer management, human resources, strategic planning, collaboration, program development, as well as key challenges of the nonprofit sector. **Prerequisites:** ICP 101, or ICP 186, and Junior or Senior Standing.

**ICP 392 Public Budgeting (3)** is a study of fiscal planning and management in the administrative process, budget process employed at the federal, state and local levels of government: special emphasis on the role of budgeting in shaping public policy. **Prerequisite:** ICP 186, or ICP 187, or Junior or Senior Standing.

**ICP 394 Environmental Policy, Management and Regulation (3)** is an introduction to environmental policy and management in the US and Africa. It provides a review of environmental ethics; major substantive areas of air, water, land and hazardous waste policy; the political dynamics that frame environment policymaking at the federal, state, and local levels of government; and the management issues arising as a result of the implementation of environmental policy within the context of intergovernmental agencies and multinational organizations. **Prerequisites:** ICP 186, and Junior or Senior Standing.

**ICP 395 Social Sciences Research Methods (3)** This course is an introduction to social research methods. It covers the fundamentals of basic research methods and social science inquiry and a variety other approaches, including the exploration of research design, data collection and analysis. Furthermore, quantitative and qualitative data collection and research, questionnaires, and participant observation, as well as other critical techniques will be examined. **Prerequisite:** STAT 101.

**ICP 401 Advanced Topics in Comparative Politics (3)** is an advanced topics course designed for upper-level students and focusing on one or another selected issue in comparative politics. Topics vary. Research paper required. **Prerequisites:** ICP 101 and junior/senior standing.

**ICP 404 Politics of Nationalism, Race and Ethnicity (3)** is offered as a senior-level seminar and focuses on the role of identity in global politics; identities having to do with race, nationalism, ethnicity and religion. Research paper required. **Prerequisite:** ICP 101.

**ICP 406 Advanced Topics in African Politics (3)** involves an extensive examination of a specific issue in African politics. Topics vary and will depend upon the instructor. Research paper required. **Prerequisite:** ICP 205 or ICP 306.
ICP 431 Advanced Topics in International Relations (3) subjects a particular issue in international relations to an intensive, semester long investigation. Topics vary and are determined by the instructor. Research paper required. **Prerequisites:** ICP 131 and junior/senior standing.

ICP 432 The Politics of Globalization (3) introduces students to the concepts, processes, and consequences of globalization. It explores contemporary debates on globalization by highlighting the perils and benefits associated with globalization, the role of international institutions such as the IMF, World Bank, and WTO, and the subsequent protests and demonstrations from the global civil society. Research paper required. **Prerequisites:** ICP 131 and junior or senior standing.

ICP 434 Global Environmental Politics (3) explores some of the major global ecological problems (ozone depletion, climate change, deforestation, desertification, whaling, and loss of biodiversity) and then examines significant international environmental initiatives to conserve resources, protect endangered species, and limit pollution. Special emphasis will be given to the important roles played by Non-Governmental Organizations (NGOs) in pressing states to address major issues such as the 1992 Earth Summit, the Kyoto Protocol, the international forest policy, and the interplay of economics, politics, and the environment. Research paper required. **Prerequisites:** ICP 131 or ICP 135 and junior/senior standing.

ICP 435 International Development (3) focuses on economic, environmental, social, and political challenges confronting Less Developed Countries of the world. The primary concern of the course is how to improve the opportunities for the poor and vulnerable of these countries by reducing inequality in wealth and welfare, as well as gender, class, ethnic and regional stratification. Research paper required. **Prerequisites:** ICP 135 or ICP 131 and junior/senior standing.

ICP 444 - Political Economy of Globalization (3) In this seminar students will research on the global impact of the advance of neoliberal capitalism. The focus will range on the political, social and environmental consequences of this economic transformation. **Prerequisites:** ICP 322 or ICP 363 and junior/senior standing.

ICP 446 International Law (3) introduces students to the set of rules and obligations that states and non-state actors recognize as binding on each other without a central enforcement authority to assure compliance. It focuses on the sources of international law (treaties, customary practice, generally accepted principles, and writings of jurists) and how the International Court of Justice interprets them and applies them to individual cases brought by states. Research paper required. **Prerequisites:** ICP 131 or ICP 135 and junior/senior standing.

ICP 461 Advanced Topics in Political Theory (3) offers the opportunity for students to undertake an intensive examination of a particular issue in political theory; for example the political thought of a specific individual or of a particular work. Topics vary and are determined by the instructor. Research paper required. **Prerequisites:** ICP 161 and junior/senior standing.

ICP 462 Marxism and Socialism (3) is a seminar and focuses on the political, economic and social thought of Karl Marx and will include original readings of his work: among others, but not limited to The Communist Manifesto, Capital, Vol. 1, The 18th Brumaire of Louis Bonaparte, etc. It also looks at the writings of others whose work was influenced by their readings of Marx: for example, Lenin, Luxemburg, Fanon, Western Marxism, Social Democracy, etc. Research paper required. **Prerequisites:** ICP 161 and junior/senior standing.

ICP 463 Resistance and Revolution (3) introduces students to various theoretical approaches to the study of social unrest, its causes, origins, and outcomes. The first part of the course serves as a general introduction to the phenomenon of revolution, and explores both the concepts and processes associated with social and political upheaval. The second part of the course involves a comparative study of historical revolutions and rebellions and seeks to raise questions about how resistance movements and revolutionary inversions...
of political power have traditionally been expressed in various political systems. Topics may include: New Social Movement theory; democratic, historical, transnational, global and/or local social movements. Research paper required. **Prerequisites: ICP 161 and junior/senior standing.**

**ICP 464 Political Corruption (3)** explores definitions, causes, consequences, and major types of political corruption around the world. What kinds of activities are corrupt? Do different cultures evaluate corruption differently? Why does corruption happen, how can it be stopped, and what are its outcomes? Case material will be drawn from early modern Europe, Nigeria, and post-Mao China, as well as from American political history. Research paper required. **Prerequisites: ICP 161 and junior/senior standing.**

**ICP 465 Feminist Political Thought (3)** explores the main currents in American and European feminism. The second portion of the course will locate feminism in the African context. The course readings assume (rather than demonstrate) women's historical subordination to man and put forward various explanations and strategies for change. Readings include J.S. Mill, C. P. Gilman, Emma Goldman, Simone de Beauvoir, Adrienne Rich, Bell Hooks, Audre Lorde, among others. Research paper required. **Prerequisites: ICP 161 or ICP 101 and junior/senior standing.**

**ICP 467 The Political Thought of Frantz Fanon (3)** explores the political writings of Frantz Fanon, the Afro-French psychiatrist and revolutionary, whose seminal work on the psychological effects of racism, nationalism and revolution have been enormously influential. The course will examine all of Fanon's political writings including Black Skin, White Masks, The Wretched of the Earth, Toward the African Revolution and A Dying Colonialism. Research paper required. **Prerequisites: ICP 161 and junior/senior standing.**

**ICP 477 Peace Studies/Political Violence (3)** This course will introduce students to the analysis of political violence and peace-building through close studies of the Cambodian and Rwandan genocides and their aftermaths. Students will then deploy the insights they have gained in individual research projects on events of political violence. **Prerequisites: ICP 161 and junior/senior standing.**

**ICP 486 Management Policies in Public Administration (3)** examines the application and relationships of governmental management policies to contemporary economic, political, and technological processes. Research paper required. **Prerequisites: ICP 186 and ICP 187 and junior/senior standing.**

**ICP 487 Organizational Theory (3)** explores the evolution and development of theories of organization, ranging from classical organizational theory; Neoclassical organizational theory, Human resource theory, Reform through changes in organizational culture, etc. This course is also designed to help public administrators tackle everyday problems and explores the relationship between theory and practice. **Prerequisite: ICP 101, ICP 186, ICP 187, or Junior or Senior Standing.**

**ICP 488 Comparative Public Policy (3)** is an advanced level course that enriches our understanding of the politics of policymaking in comparative perspective. The course examines why, how, and to what extent policy areas such as education, environment, healthcare, immigration, taxation, and regulations differ from nation to nation. It entails a cross-national assessment of public policy dynamics and will specifically address the similarities, and dissimilarities in terms of the policy process, public policy, and a selected number of key policy areas. Research paper required. **Prerequisites: ICP 101, ICP 186, or ICP 187, or Junior or Senior Standing.**

**ICP 489 Collective Bargaining - Public Sector (3)** is an examination of the historical development of labor relations and collective bargaining in the public sector and the impact of public employees union on public personnel administration. **Prerequisite: ICP 101, ICP 186 or ICP 187, or Junior or Senior Standing, and research paper required.**

**ICP 490 Senior Research Project (6)** The general purpose of the course is to provide a seminar setting for graduating seniors to combine their experiences
in fieldwork, coursework, internship, study abroad and experiential learning to engage in a scholarly research and produce a thesis project that reflects their independent thinking, interdisciplinary scholarship and an understanding of broad themes, issues, and debates within the discipline. This course also entails part I (3) & part II (3) totaling 6 credits. **Prerequisite: Senior Standing.**
ICP 492 Independent Study (1-6).
Prerequisites: 2.0 CGPA or higher and Junior/Senior standing

ICP 493 Internship in International and Comparative Politics (3)
Prerequisites: Permission of Department Chair and CGPA minimum 2.0 or higher and Junior/Senior standing.

ICP 496 Honors Seminar I (3) provides an opportunity for students to develop a 12,000-15,000-word honors thesis in completing requirements for program honors. Prerequisites: ICP 101 and ICP 131 and ICP 161 and ICP 205 and a declared ICP major and senior standing and permission of the Instructor.

ICP 497 Honors Seminar II (3) is a continuation of ICP 496 and will culminate with a public thesis defense.
Prerequisites: Completion of major coursework and ICP 496.

INFORMATION SYSTEMS

INF 102 Software Applications I (3) is the application of selected software to the development of solutions to problems including the design and application of Decision Support Systems using microcomputer applications. Software used include spreadsheet, database and project management. The level of development will be intermediate and topics will include project management, scenario analysis and sample database projects. Prerequisite: CIE 111.

INF 201 Principles of Information Systems (3) this course provides an understanding of the importance of computer based information in the success of the firm. Emphasis is on the role of information systems in each of the functional areas. Concepts are reinforced with up-to-date business examples and hands on practice. Prerequisite: CIE 111.

INF 206 IT Systems: Hardware and Software (3) an introduction to computer hardware, software architecture, organization, and operation. Hands-on work with the computer system is included.

Prerequisite: CIE 111.

INF 260 Systems Analysis and Design (3) examines the concepts, tools, and techniques used to develop and support computer based information systems. Systems planning, analysis, design, and implementation are covered. Behavioral and model building aspects of systems development are emphasized throughout. Prerequisites: INF 201 and junior/senior standing.

INF 301 Security Script Programming (3) this course covers the design, coding and implementation of scripts to secure information systems. Prerequisites: INF 206 and junior/senior standing

INF 302 Program Development and Implementation (3) Application of knowledge, skills and abilities from earlier programming courses to develop and implement applications using an industry language such as Visual Basic (VB). Group work will be encouraged in the development and implementation of an expansive system to immerse students in real world enterprise application development. Prerequisite: CIE 106.

INF 310 Principles of Information Security Assurance (3) This course introduces concepts on threats to information systems security as well as defenses for such threats. Topical issues include viruses, worms, backup and recovery as well as other security related issues. Prerequisites: INF 206 and junior/senior standing.

INF 320 Applications in Information Security and Assurance (3) This course provides both fundamental principles and technical skills for analyzing, evaluating, and developing secure systems in practice. Students will learn essentials about security models, algorithms, protocols, and mechanisms in computer programs, operating systems, networks, and database systems. Classroom instruction will be integrated with real life applications such as privacy control in health care system, protection of digital assets in web services, and security issues in supply chain management. Prerequisites: INF 206 and junior/senior standing.

INF 330 Policy and Administration in
Information Security and Assurance (3) planning and development of policies for security and uninterrupted performance of information systems are covered in this course. Other topics to be covered include the value of information, assessment of policy alternatives and other related topics. Prerequisites: INF 206 and junior/senior standing.

INF 331 Database Analysis and Design (3) examines theoretical concepts of database system architectures, data models, conceptual data modeling, database schema design, relational algebra, and query languages. Related to database design and implementation it will focus on ER modeling, SQL implementation, query optimization and processing, indexing, and transaction control. Object Oriented Databases, XML and Application Design will be briefly described. This course also provides students with an opportunity to acquire practical skills in using ER modeling tools and Oracle DBMS. Prerequisite: CIE 231.

INF 333 UNIX Administration and Security (3) is the application of security principles from the perspective of the UNIX server. It involves hands-on application approaches in the application of security concepts. Prerequisites: INF 206 and junior/senior standing.

INF 334 Fundamentals of Network Security (3) provides an introduction to the field of network security, including coverage of all the domain objectives for the latest Security+ exam. It is designed to provide updated information regarding the changes in security. Prerequisite: INF 206.

INF 335 Computer Forensics (3) is an in-depth analysis of the causes and effects of computer failures. Topics covered include auditing of access and usage trails and other related topics. Prerequisites: INF 206 and junior/senior standing.

INF 341 Enterprise Integration (3) The objective of this course is to teach students the different technologies that are currently being used to meet the integration needs of organizations. Topics covered in the course include fundamental concepts of Enterprise Integration; an overview of critical technologies; integration methodology, B2B integration, and web services for enabling integration. There is also a design/programming assignment. Prerequisite: INF 201.

INF 351 Information Security and Auditing (3) studies the key facets of information security, from theory to applications in a networked environment. Topics to be covered include symmetric key cryptosystems, number theoretical foundations, public key cryptosystems, authentication, key exchange, access control, Internet security architecture, and emerging security standards. Prerequisite: INF 206.

INF 353 Database Security and Auditing (3) This groundbreaking approach to database security will prepare students for business applications in a non-database specific environment. Prerequisite: INF 351.

INF 354 Operating Systems Security (3) This course is designed to expand the networking student's basic network and operating systems skills to include planning, implementation and auditing of a system's security. Prerequisite: CIE 302.

INF 361 Process Modeling and Solution Blueprinting (3) The Process Modeling and Solutions Blueprinting course presents the concepts and methodologies required to execute a methodical approach to translate business process change requirements into clear IT solutions. The course will be mostly based on the INFUX(TM) methodology developed by Infosys Technologies Ltd. The course will cover process modeling, e-business architecture patterns and technical architecture to ensure that the students can smoothly translate enterprise business objectives into an effective IT solution architecture. Prerequisite: INF 260.

INF 402 Information Technology for Development (3) Information technology and communication (ICT) have an impact on development in varying degrees in the world. At the present time, this impact is less visible in less developed countries. In this course, students and their instructor will analyze the causes and the obstacles to development in African countries and through simulation; they will propose strategies to
remedy the situation. Topics include ICT capacity building, ICT development planning, ICT Policy development. **Prerequisite: Senior Standing.**

INF 403 Information Resource Management (3) is the management of the hardware, and software, communications; and other components of information capture and delivery in the enterprise. Topics include hardware, software, people, procedures and management issues related to these components and their interactions. **Prerequisite: INF 201.**

INF 405 IS Strategy (3) is about IS architecture and configuration concepts and applications. It also includes Enterprise problem analysis and solution generation using IT components. Other topics will include IS hardware, software and communication components capabilities and applications to problems in the enterprise. Semester projects will be used to apply concepts covered in the course. **Prerequisite: Senior Standing.**

INF 415 Telecommunications and Network Security (3) In this course, various techniques for the protection and survivability of information systems and networks will be covered. Topics include critical infrastructure definition, risk management, vulnerability and risk analysis, fault and attack trees, availability analysis, traffic restoration schemes and survivable network design and management techniques; critical infrastructure simulation, CIP policy and legal issues, SCADA systems. **Prerequisite: INF 354.**

INF 421 Client Operating System Security (3) This course is an exploration of programming and security issues in client/server systems from the client side. Various security challenges are explored and students are given hands-on experience through semester long projects. **Prerequisites: INF 351 and junior/senior standing.**

INF 422 Server Operating Systems Security (3) This course is an exploration of programming and security issues in client/server systems from the server side. Hands-on programming will be used to explain some of the concepts. **Prerequisites: INF 206 and junior/senior standing.**

INF 423 Access Control Systems and Methodology (3) is about fundamentals of cryptology concepts and the methodologies of access control systems. **Prerequisites: INF 206 and junior/senior standing.**

INF 425 Business Continuity and Recovery Planning (3) This course will explore the threats to business continuity and analyze various recovery techniques. Other topics to be covered include: recovery planning techniques, spoofing, gateways, firewalls, etc. and how to protect against intrusion from unauthorized sources. **Prerequisites: INF 206 and junior/senior standing.**

INF 430 Cryptology (3) This course is a continuation of INF 423 and provides hands on analysis and programming. **Prerequisites: INF423 and junior/senior standing.**

INF 431 Database Systems (3) is a third course in database concepts, the focus is on database implementation issues. Topics may include relational DBMS, object oriented DBMS, graphical user interface design in a database environment, database administration, client server and distributed database applications. **Prerequisites: INF 206 and INF 331 and junior/senior standing.**

INF 450 Advanced Programming (3) This course is focused on programming itself, not on any particular problem domain or a particular programming language (though we'll use cutting edge and industry languages, with some powerful features that will be showing up in mainstream commercial languages over the next few years), and not on software engineering (in the sense of project management, team organization, or modeling tools like UML). **Prerequisites: INF 206 and junior/senior standing.**

INF 451 Java Support for E-Business (3) The course focuses on the technical aspects of developing e-business systems using Servlets and JSP. It will integrate the student's prior knowledge of GUI development on the client side with server side Java applications in a multi-tiered environment that includes database connectivity. Students will use XML, messaging and distributed registries along with Web Services to support the sharing of data and processes for e-business applications.
Prerequisites: CIE 231 and junior/senior standing.

INF 461 Information Systems Planning (3) is a concentrated study of planning methods and techniques required for defining, planning, integrating and implementing information technology projects consistent with the organizational strategic plan and mission. Prerequisites: INF 260 and junior/senior standing.

INF 463 Reengineering Technology in Organizations (3) is a survey of legacy system reengineering technologies in which the student becomes familiar with a variety of tools used in practice and has the opportunity to develop applications using these tools under supervision. Selection of technologies is determined each semester. Prerequisites: INF 461 and junior/senior standing.

INF 465 - Information Technology and Business Analytics (3) provide students with the computing, data analytics, and decision support knowledge and skills needed for the converging fields of information technology and business analytics. Hands-on computer work is included. Prerequisite: CIE 111.

INF 468 Information Engineering (3) is a study of information engineering as a model based, data centric approach to integrating organizational strategic planning with enterprise information systems development. Involves readings, group discussions, and case studies. Prerequisites: INF 461 and INF 463 and junior standing.

INF 472 LAN Administration (3) This course introduces current networking standards, the OSI Model, various protocols and topologies, the interconnections between various hardware components, network operating systems, DNS, DHCP, TCP/IP, Ethernet, wired and wireless transmission. This course also instructs students on how to install, configure, and implement Active Directory Domain Services in Microsoft Windows Server operating systems. The course exposes students on what an Active Directory is and how it is used to organize, administer and manage an organization’s network environment. Prerequisites: INF 206 and junior/senior standing.

INF 478 Advanced Application Development (3) This course deals with advanced programming techniques including concepts of object oriented programming with data abstraction, encapsulation, information hiding, inheritance and polymorphism. Competency in programming is assumed for this course. Prerequisites: INF 206 and junior/senior standing.

INF 488 Data Administration (3) This data Management course covers fundamentals of relational database theory, important data management concepts such as data modeling, database design, implementation, data access, and practical data related issues in current business information systems as well as the responsibility for developing policies and setting of standards for database design, processing and security. Students are expected to apply knowledge learned in the classroom to solve many problems based upon real life business scenarios, while gaining hands on experiences in designing, implementing, and managing database systems. Prerequisite: Junior/Senior Standing.

INF 489 Web Database Driven Application Development (3) This course will be an in depth study of the issues associated with web database driven applications. The course will cover concepts required for developing web database driven applications such as the client server model, 3-tier architecture and the MVC design pattern. In order to develop web database driven application the students will obtain practical skills in web and database technologies such as HTML, CSS, JavaScript, MySQL and PHP. Prerequisite: INF 231.

INF 490 Introduction to Business Dynamics: Systems Thinking and Modeling for a Complex World (3): this course introduces the basic principles of system dynamics with a hands-on approach involving frequent problem sets and case studies. Students will learn the basic principles governing systems modeling, thinking skills, systems modeling techniques including creating computer based simulation models. Introduction to System dynamics is designed to develop skills in the creation and use of computer simulation models for policy analysis
and business dynamics. A principal focus of the course is the significance of information feedback and circular causality in the behavior of social systems. **Prerequisite: Senior Standing.**

**INF 491 Senior Design Project/Capstone (3)** is about the design and implementation of a significant piece of work: software, hardware, or theory. Students are required to submit a final written report and give a final presentation and demonstration of their project. Grades are based on the report, the presentation and the satisfactory completion of the project. These are evaluated by the Project Advisor and the Course Instructor. **Prerequisites: INF 490 and Senior Standing.**

**Law**

**LAW 101 Legal Methods I (2)** this course is an introductory course for students who are starting a law program. It is also the introduction of the skills of oral advocacy, reasoning, examination writing, teamwork, application of professional ethics, and developing a professional critical-thinking and problem-solving, identity in the context of practicing law. **Prerequisite: None.**

**LAW 102 Legal Methods II (2)** this course is a continuation of LAW 101 and it seeks to enable first year students to identify, analyze and research issues in any area of law. It is a bridge course designed to equip students with the basic skills and information necessary to navigate the law-related courses and activities during their law school life and later. **Prerequisite: LAW 101.**

**LAW 201 Law of Contract I (4)** there are various reasons which can be cited for studying this subject. The least of them would be the compulsion imposed by the institutional course structure. The foremost reason that makes it imperative to study the course is the wide application of the law of contract in everyday life. We make contracts when we buy a newspaper or travel on a bus. But the student will realize that not all contracts are of those simple types. Contracts dealing with the construction of ships or buildings will be highly complex. Nevertheless, across that spectrum the underlying principles of contract law remain the same and it is those basic principles which are the subject matter of this course. Moreover formation of contract being mandatory for all commercial transactions accentuates the importance of the subject. This course introduces the students to the principles of contract law, including the consideration doctrine, offer and acceptance, promissory estoppel, and the regulation of the bargaining process. **Prerequisite: None.**

**LAW 202 Law of Contract II (4)** this course revolves around factors that may vitiate a contract and the remedies available to the affected parties. **Prerequisite: LAW 201.**

**LAW 203 Constitutional Law I (4)** this introductory course focuses on the issues raised by the structural parts of the Constitution of the Federal Republic of Nigeria. Consideration will be given to the historical foundations of Nigerian constitutionalism, judicial processes in constitutional cases; judicial review; and the courts functioning in the constitutional system. Attention will be given to the relationships of the three arms of government, with emphasis on some of the powers and limitations of the executive, legislative and judicial bodies that arise from principles of separation of powers and checks and balances. The course will also consider federalism and the respective roles of the national and state governments. **Prerequisite: None.**

**LAW 204 Constitutional Law II (4)** this is a continuation of LAW 203 and introduces the student to the application of the theoretical aspects of constitutionalism to practice under the Nigerian constitution as well as in comparative dimensions. **Prerequisite: LAW 203.**

**LAW 205 Nigerian Legal System I (4)** this course deals with the fundamentals of the entire body of laws and institutions constituting the legal system of the Federation of Nigeria. It reflects on the historical narratives responsible for the notable character of Nigeria as a legal pluralist state. **Prerequisite: None.**

**LAW 206 Nigerian Legal System II (4)** this is a continuation of Law 205 to give the students a strong understanding of the nature, structures and framework of the Nigerian legal system in a way that
preparates them for professional life in their legal careers and practice. **Prerequisite: LAW 205.**

**LAW 207 Family Law I (4)** family law is concerned with the law regulating the affairs of the family and family property. The Nigerian family law, as would be seen in the historical perspective was adopted from the English legal system based solely on the fact that we inherited the English legal system by reason of our affiliation with them through the instrument of colonialism. The practice of family law is influenced by the general legal context that prevailed in England. The major statutes that guide family law in Nigeria are the Marriage Act and Matrimonial Causes Act, as contained in the Laws of the Federation of Nigeria. This course deals with basic points typical and relevant as found in the Commonwealth jurisdiction most of which gained independence from Britain. These topics generally border on the relationship within the family in Nigeria. They most importantly touch on the underlying values and features which concern the way which family law is put to use in a democratic, pluralistic and law-governed society. The dimension of Islamic and customary marriages will be examined and analyzed. **Prerequisite: None.**

**LAW 208 Family Law II (4)** this course pertains to the formation, restoration and dissolution of domestic relations, including the law of marriage, annulment, separation and dissolution, maintenance, and custody and support of children. This course will study the differences between community and separate property, the classification of property, and the impact of such classification. The role of the courts in family law practice and the importance of mediation of domestic issues will also be discussed. **Prerequisite: LAW 207.**

**LAW 209 Labor Law and Employment Relations I (4)** this course is designed to introduce the students to the rudiments of labor and employment law in Nigeria and other matters necessarily incidental to that field of law. **Prerequisite: None.**

**LAW 210 Labor Law and Employment Relations II (4)** this course is designed to introduce the students to the rudiments of labor law and other matters necessarily incidental to that field of law. **Prerequisite: LAW 209.**

**LAW 211 Administrative Law I (4)** this course introduces the student to the body of law that governs the activities of administrative agencies of government. Government agency action can include rule-making, adjudication, or the enforcement of a specific regulatory agenda. **Prerequisite: None.**

**LAW 212 Administrative Law II (4)** this course enables students to be well-acquainted with the essential concept in the administrative structure and administrative agencies of the government. It will also help the students to have a comparative understanding of the concepts of administrative law and other concepts. **Prerequisite: LAW 211.**

**LAW 213 Law, Society and Development I (4)** this course begins with a sociological introduction to mores, folkways and codified law, and explores how the founding principles of the nation may be both liberating and restrictive. The course introduces a wide variety of topics related to law’s varying functions. It focuses on social and legal theory and analyzes law and legal institutions from a critical perspective. It seeks to help students become better able and equipped to evaluate law and legal institutions, especially in relation to equality, discrimination, social integration, justice, and fairness. The course emphasizes class discussion and intensive work on improving analytical writing about controversial issues. **Prerequisite: None.**

**LAW 214 Law, Society and Development II (4)** this course examines the role of law and the legal system in economic and social development, particularly in less developed countries, emerging markets, and nations in transition. It will explore how law, in its various forms, may bring about or impede development, however defined, and how development may affect or change the legal system of the country concerned. The course first considers the nature of law, with particular reference to developing countries, and then examines various theories and concepts of development. It next probes the theoretical relationships between law and development. The remainder of the course addresses the role of law in development through a series of cases on such crucial issues as land tenure, capital formation and foreign investment, corporate governance, the rule of law and good governance,
constitutionalism, judicial reform, and corruption.  
Prerequisite: LAW 213.

LAW 300 Application of Computers to Legal Studies (3) the work of legal practitioners involves a high level of documentation and information processing, storage, and retrieval. The focus of this course is on the emerging generation of digital lawyers and how to re-orient the student to cyber space and its tremendous implications for the study of law and professional life. This course will acquaint students with contemporary computer tools and applications used to satisfy the demands of contemporary legal research, law firms and law related fields. The course will include computer-assisted work.  
Prerequisite: None.

LAW 301 Commercial Law I (4) commercial law, also known as business law or mercantile, is the body of law that applies to the rights, relations, and conduct of persons and businesses engaged in commerce, merchandizing, trade, and sales. It is often considered to be a branch of civil law and deals with issues of both private law and public law.  
Prerequisite: None.

LAW 302 Commercial Law II (4) the course considers particular types of transactions in their commercial context including sales, credit and security, syndicated loans, derivatives, multi-party projects, and banking transactions. Aspects of commercial litigation including arbitration will also be considered. These examples are chosen to illustrate the commercial and practical problems arising in different market sectors, in comparative dimensions.  
Prerequisite: LAW 301.

LAW 303 Law of Torts I (4) this course considers deals with the body of rights, obligations and remedies that is applied by courts in civil proceedings to provide relief for individuals or victims (claimant or plaintiff) who have suffered harm from the wrongful acts of others (defendant). However, this course helps you to distinguish the law of torts from two other kinds of law, namely, criminal law and contract law.  
Prerequisite: LAW 301.

LAW 304 Law of Torts II (4) the course continues LAW 303 and introduces students to the proper understanding of remedying personal and economic injury which may be occasioned from wrong done to the person, land and all other interests.  
Prerequisite: LAW 303.

LAW 305 Criminal Law I (4) this course examines the history and sources of Nigerian criminal law; general principles of criminal liability; the place of Criminal Law in the legal system; theories of punishment; the general elements of a crime; participation in crime; attempts, conspiracy and incitement as well as understanding of how this knowledge is relevant within the different fields of Criminal Law in Nigeria  
Prerequisite: None.

LAW 306 Criminal Law II (4) this course examines comparative principles of criminal liability, a range of fatal and non-fatal offences against the person, the public and selected offences against property. Sentencing and secondary liability as well as defenses also form part of the course.  
Prerequisite: LAW 305.

LAW 307 Public International Law I (4) this course is designed for students who will eventually become legal practitioners who will be required to give legal advice and carry out responsibilities pertaining to the international realm. It is aimed at providing them with an introductory knowledge of principles of Public International Law. It also gives them a basic understanding of the role international law plays in Nigeria and the role of Nigeria within the international community.  
Prerequisite: None.

LAW 308 Public International Law II (4) this course is designed for students who will eventually become legal practitioners who will be required to give legal advice and carry out responsibilities pertaining to the international realm. It is aimed at providing them with an introductory knowledge of principles of Public International Law in an all-encompassing way that avails insights into several other dimensions of the global system. It also gives them a basic understanding of the role international law plays in Nigeria and the role of Nigeria within the international community.  
Prerequisite: LAW 307.

LAW 309 Human Rights Law I (4) this two-semester course is divided into two main parts. The first part deals with the ideological concept, historical struggle and background to human rights. The second part deals with the application, promotion
and enforcement of human rights at international, regional and national level. The course provides an introduction to basic human rights philosophy, principles, instruments and institutions, and also an overview of current issues and debates in the field with focus on the problems specific to Nigeria.  
**Prerequisite: None.**

**LAW 310 Human Rights Law II (4)** this course is designed to equip students with the basic tools necessary to work with the specific sources, methods and institutions of the international human rights system and to apply them in the Nigerian context. Implicit in this approach is the assumption that human rights call for legal and other advocacy skills. Accordingly, the course requirements will focus on developing the ability to recognize the factual and the legal problems and to analyze them, the capacity to apply the legal information in practical situations as well as the mastery of the applicable law – knowledge of the applicable law, understanding of the norms, aptitude to interpret and provide a critical analysis of the law, competence to understand the context in which the law exists.  
**Prerequisite: LAW 309.**

**LAW 311 Law of Banking (4)** this course seeks to review the history of banking, the role of banking in the society, classes and function of banks, the law governing banking, evolution of banks and banking in Nigeria, rules governing the establishment of banks and financial institutions, the nature of banker/customer relationship. It further examines aspect of international finance, regional banks, the IMF and the World Bank, commercial credits, history, nature and function of negotiable instruments, checks, bank drafts, letter of credit and money order.  
**Prerequisite: None.**

**LAW 312 Law of Insurance (4)** this course is designed to examine origins of insurance, the principles and instruments involved in the course of insurance in Nigeria. Also, some of the reforms in the banking industry in Nigeria will be examined.  
**Prerequisite: LAW 311.**

**LAW 313 Medical Law and Ethics I (4)** this course deals with the interrelationship between law and healthcare practice. It would introduce students to the basic principles of moral philosophies and ethics. The main issues to be explored would be the rights of patients, for example the right to privacy and confidentiality, autonomy and consent to treatment, access to healthcare, malpractice litigation, reproductive technologies, the right to life of unborn children and issues of whether one should be permitted by law to commit or assist another to take one’s own life. A comparative study of the Nigerian law and ethical practice would be carried with US law and ethical practices.  
**Prerequisite: None.**

**LAW 314 Medical Law and Ethics II (4)** this course is about communicable diseases particularly HIV/AIDS and the rights of persons living with it. It takes a holistic view of the HIV/AIDS pandemic as involving questions of law, society and development. Case law from India, South Africa, the United States, and elsewhere, are considered to provide comparative lessons for Nigeria.  
**Prerequisite: LAW 313.**

**LAW 401 Land Law I (4)** the course is designed in such a way as to gradually introduce law students generally, into the concept of customary land holding. The course will cut across the basic principles of land law as it relates to acquisition, ownership as well as disposition of land under native law and custom.  
**Prerequisite: None.**

**LAW 402 Land Law II (4)** this course is designed to offer deeper appreciation of key legal issues that arise in the area of property and land use in contemporary Nigeria, with a comparative focus on the laws of England and the United States. The focus of the course is not on law itself, but on the policy implications of various rules, doctrines and practices which are covered in great detail. Legal rules regulating property are among the most fundamental to Nigeria, and most other economies and societies. They figure prominently in city and local governance and economic development, in areas as diverse as housing, zoning, environmental policy, and international development. Virtually every public policy issue has a ‘property angle’ to it, which makes it essential to know how it works. The main focus is on Nigeria property and land use law due to its prominence in national development policy and practice, although substantial comparative legal materials are also introduced from selected countries.  
**Prerequisite: LAW 401.**
LAW 403 Equity and Trusts I (4) this course introduces the student to the main principles and doctrines of equity and trusts. It is designed to challenge the somewhat dull image of this area of law and to encourage a critical and imaginative understanding of the subject. The law of equity and trusts is contextualized within a historical, social and jurisprudential inquiry thereby providing a much wider range of possible interpretations of its development and application. What then becomes central to the approach in the course is the complex interrelation of law with ethical, political, economic and jurisprudential considerations, and that between legal outcomes, pragmatic concerns and policy objectives. **Prerequisite: LAW 206.**

LAW 404 Equity and Trusts II (4) drawing upon the student’s experience of the study in LAW 403, this course examines the trust both as a private legal institution (the trust in family and commercial settings) and a public one (the charitable trust), placing special emphasis on the management of the trust and the powers, duties and obligations of the trustee. Yet, in departing from conventional approaches this module does not study equity merely in regards to its role as the original creator of the trust. Equity is instead acknowledged to be what it really is - a vital and fruitful component of the English legal system; a distinct form of legal interpretation possessing its own principles and method of legal reasoning, and comprising an original and continuing source of legal development in the sphere of remedies under Nigerian law. **Prerequisite: LAW 403.**

LAW 405 Law of Evidence I (4) the law of evidence governs how parties, judges, and courts offer and then evaluate the various forms of proof at trial. In some ways, therefore, evidence is an extension of civil and criminal procedure. Generally, evidence law establishes a group of limitations that courts enforce against lawyers in an attempt to control the various events that the trial process presents in an adversarial setting. This course examines the basic principles of the Law of Evidence and other related concepts which are necessary in other to properly comprehend the course work. **Prerequisite: LAW 305 and LAW 306.**

LAW 406 Law of Evidence II (4) drawing upon the student’s experience of the study in LAW 405, this course deals with the breadth of the subject, from admissions, estoppels and the burden and standard of proof to confession evidence, expert evidence and documentary evidence. It examines evidence taken or served prior to a trial, the rules of evidence during the course of a trial and the examination of witnesses and explores good and bad character, and hearsay. It analyzes privilege and facts excluded by public policy, covers judicial discretion to admit or exclude evidence and includes a chapter on statistical and survey evidence. The course finally considers case law from comparative jurisdictions. **Prerequisite: LAW 405.**

LAW 407 Gender, Law and Development I (4) a central question will be: How do we situate cultural, geographical and historical understandings of sexuality while remaining attentive to local state and individual practices? We will also pay close attention to the methodology of comparative law itself, and track the politics of comparison as we explore various judicial approaches toward sexuality and gender identity. How have histories of colonialism and imperialism shaped modern understandings of nation, gender and sexuality? How are new complexities being created across these historical entanglements? We will move beyond Nigerian jurisprudence to a global setting as we seek to understand how different structural conditions produce particular legal outcomes. In looking at case law, international rights norms and legal precedent from other common and civil law jurisdictions, we can begin to unpack the multiple ways that legal regulation operates. Throughout these classroom discussions we will pay close attention to the variety of social forces and discourses that operate to regulate sexual subjects. As a whole, the seminar will offer students a strong theoretical and doctrinal analysis, and provide the critical tools required to evaluate a host of legislative and judicial responses to human sexuality. **Prerequisite: None.**

LAW 408 Gender, Law and Development II (4) this course offers an introduction to legal reforms and strategies in response to understandings of the relationship between war and gender as well as feminist peace studies. Contemporary institutional take up of ‘gender perspectives’ are studied alongside theoretical and empirical accounts of the gendered
experience of war and armed conflict. Some study of post-conflict communities is also discussed. The collective security regime, particularly Security Council initiatives on women, peace and security are analyzed alongside debates from feminist and gender theorists. **Prerequisite: LAW 407.**

**LAW 409 Energy, Oil and Gas Law I (4)** this course concerns the regulation of energy, energy resources, and energy facilities. Among the topics will be the regulation of rates and services; the roles of state agencies and state public utility commissions. Attention will be devoted to energy resources (other than oil and gas, which are covered in the Second Semester) and to generating, transmission and distribution facilities. The current and future roles of renewable energy, energy efficiency, and nuclear energy will receive special attention, as will the regulation and deregulation of electricity. The course reflects on comparative developments from foreign jurisdictions to enlighten the student about the Nigerian situation. **Prerequisite: None.**

**LAW 410 Energy, Oil and Gas Law II (4)** this course is about the legal aspects of oil and gas industry in general but with some specific reference to Nigeria as the cases demand. The course is meant to expose the student to the history, development, law and policy of oil and gas. This course introduces students to the various pieces of legislations that are related to the oil and gas industry. **Prerequisite: LAW 409.**

**LAW 411 Intellectual and Industrial Property Law I (4)** this course is an intensive study of the core subjects of intellectual property law: patents, copyrights, trade secrets, and trademarks. This portion of the two-semester course covers the copyright aspects. It examines the fundamental principles of these bodies of law, their underlying policies, and how the laws inter-relate. **Prerequisite: None.**

**LAW 412 Intellectual and Industrial Property Law II (4)** this course is an intensive study of the core subjects of intellectual property law: patents, industrial designs, trade secrets and trademarks aspects. It examines the fundamental principles of these bodies of law, their underlying policies, and how the laws inter-relate. **Prerequisite: LAW 411.**

**LAW 413 Legal Drafting and Conveyancing Law I (4)** legal Drafting and Conveyancing deals with the practical aspect of a lawyer's work in practice. No legal practitioner whether into full time litigation or as in-house lawyer can avoid writing a legal document. An average lawyer writes at least two letters per week. This is outside drafting of agreements, deeds, legal opinion, will, report writing, bills, etc. Before doing any of these there are steps, techniques and rules to observe. This course covers general introduction to legal drafting, official letter, memorandum, legal opinion and report writings, legislative drafting, interpretation of statutes, will, codicil and customary conveyancing. The material has been developed with local authorities (statutory and case law). Furthermore, references are made to foreign authorities where necessary. **Prerequisite: None.**

**LAW 414 Legal Drafting and Conveyancing Law II (4)** this subject endeavors to provide a sound introduction to the elements of legal drafting. Issues to be considered include questions of style, legalese and plain English, drafting of statutes, wills and contracts and computer-aided drafting. It focuses on the law relating to transfer of interest in land in Nigeria. Students will be exposed to the various definition of the word “conveyance”. The orientation of the course is strongly practical in nature to suit the various methods by which interest or title to land could be transferred. Furthermore the course would examine the capacities of parties and specifically discuss one after the other the various forms of transfer of interest in land. The nature of interest in land which could be legal or equitable will also be discussed. The stages of conveyance i.e. the contractual stage and the completion stage will be discussed. The difference between equitable interest and legal interest will also be discussed. **Prerequisite: LAW 413.**

**LAW 501 Law of Business Associations I (4)** this course examines the nature of the legal vehicles available for the carrying on of entrepreneurial activities, paying particular attention to the analysis of companies under Nigerian law. It examines the
core features of a company. These are: separate legal personality, limited liability, centralized management, the allocation of control rights, and free transferability of shares. The course analyzes how the law implements these features and the policy trade-offs among them. **Prerequisite: LAW 201, LAW 202 & LAW 301, LAW 302.**

**LAW 502 Law of Business Associations II (4)** the course discusses the relationship between various groups with an interest in the affairs of the company – shareholders, directors, managers, financiers, trade creditors, employees, consumers and regulators - and the balance of power between them. The course looks beyond purely technical legal issues and encourages a critical examination of the system and proposals for reform. **Prerequisite: LAW 501.**

**LAW 503 Jurisprudence and Legal Theory I (4)** this course is designed to examine the philosophical dimensions of law and seeks to provide the students with a general overview of the purpose and importance of law to all human endeavors, particularly in society. It involves the study of law in relation to justice, equality, morality, politics and religion and the interdependence of these various forces to each other. Further, it also involves an inquiry into law and its influence on society and social change, ethics and development. The sources of law are also made a subject of inquiry as a means to deciphering the specific content of law in a developing democracy such as Nigeria. **Prerequisite: None.**

**LAW 504 Jurisprudence and Legal Theory II (4)** this course is essentially an examination of classic jurisprudential questions in and around the theory of adjudication: the theory of how judges actually do decide cases and how they ought to decide them. These questions include: Do legal rules really constrain judicial decision-making? What makes a rule (or norm) a rule of the legal system? Are principles of morality legally binding even when such principles have not been enacted into a law by a legislature? (Relatedly, are there objective principles of morality?) Where no legal norm controls a case, how ought judges to decide that case? Can there be “right” answers to legal disputes, even when informed judges and lawyers disagree about the answer? Are there principles or methods of legal reasoning that constrain judicial decision-making, or is legal reasoning essentially indeterminate, such that a skillful judge can justify more than one outcome for any given dispute? Is judicial decision-making really distinct from political decision-making of the sort legislators engage in? **Prerequisite: LAW 503.**

**LAW 577 Trial Advocacy and Law Clinic I (1)** this course is designed to expose the student to the work of an attorney and/or advocate. As a skills course, each topic addressed throughout the semester will be developed through practice with an eye toward the formation of the law student as practitioner. At its core, law governs relationships and all areas of the law, at some level, are about relationships between persons. The professionally distinct fiduciary role of the lawyer as Counsellor, while also always Advocate and Officer of the Court, will be examined with awareness given to the relational character of the legal enterprise and one’s client. The dual purpose of lawyer-client counselling, which includes informed decision-making by both the client and the attorney, will be highlighted throughout the entire course. **Prerequisite: Strictly for 500-Level Law Students.**

**LAW 578 Trial Advocacy and Law Clinic II (1)** this course continues LAW 577 and is designed to expose the student to the work of an attorney and/or advocate towards community engagement. Through exposure to the AUN Community Law Centre, the student will be able to understand pre-litigation methods of client interviewing, case recording, file management and processing. **Prerequisite: Strictly for 500-Level Law Students.**

**LAW 598 Research Methodology and Long Essay I (3)** the legal research process is much more than simply finding material. The different component parts of the legal research process are canvassed in this course: initial analysis, finding relevant and appropriate information, research ethics, writing style and writing a research essay. All students are provided with information about the AUN’s Archival and Digital Libraries with emphasis on the AUN Law Library, its collections and resources. Each final year student will have approved for him or her, a topic of research at the beginning of the final year. Such a candidate will be expected to produce a well-researched, publishable essay containing 10,000-20,000 words (including
bibliography) under the supervision of a member of the academic staff. This course runs as a continuum through both semesters. **Prerequisite: Strictly for 500-Level Law Students.**

**LAW 599 Research Methodology and Long Essay II (3)** the legal research process is much more than simply finding material. The different component parts of the legal research process are canvassed in this course: initial analysis, finding relevant and appropriate information, research ethics, writing style and writing a research essay. All students are provided with information about the AUN’s Archival and Digital Libraries with emphasis on the AUN Law Library, its collections and resources. Each final year student will have approved for him or her, a topic of research at the beginning of the final year. Such a candidate will be expected to produce a well-researched, publishable essay containing 10,000-20,000 words (including bibliography) under the supervision of a member of the academic staff. This course runs as a continuum through both semesters. **Prerequisite: LAW 598, Strictly for 500-Level Law Students.**

**LAW 505 Environmental Law and Policy I (4)** a comprehensive understanding of existing environmental laws and institutions is essential to those seeking to work with environmental policy and sustainability. This course deals with the underpinning principles of environmental law and places emphasis on municipal considerations concerning the environment. It traces the historical background, that is, global economic, industrial and technological challenges of the post-WW II era; sources/causes of environmental pollution; foundations of environmental law; National Policy on the Environment and the legal framework for the protection of the environment. **Prerequisite: None.**

**LAW 506 Environmental Law and Policy II (4)** the course goal is to provide students with a broad, practical understanding of Nigerian, African and international environmental law, policy, and institutions. **Prerequisite: LAW 505.**

**LAW 507 International Humanitarian Law I (4)** international Humanitarian Law (IHL) is a set of rules seeking to limit the effects of armed conflict for humanitarian reasons. It protects persons who are not or are no longer participating in hostilities and restricts the means and methods of warfare. The complexities of modern-day conflicts combined with the availability of information and media interest have resulted in a higher profile of difficult humanitarian issues. Knowledge of IHL is a definite asset, if not essential, for those working on or in countries affected by armed conflicts, those involved in humanitarian work or interested in working for international criminal tribunals. This course investigates IHL (sometimes called the Law of Armed Conflict), the field concerned with rules developed by civilized nations to protect the victims of armed conflict, including the Geneva Conventions. **Prerequisite: None.**

**LAW 508 International Humanitarian Law II (4)** IHL is one part of the law of war: it relates to the conduct of war (*ius in bello*). The other part of the law of war concerns the legitimacy of the resort to armed force (*ius ad bellum*) and is quite distinct. This course is therefore a continuation of LAW 507 and employs case studies in the teaching and learning processes. **Prerequisite: LAW 507.**

**LAW 509 Conflict and Alternative Dispute Resolution I (4)** there exists a common misapprehension that lawyers and legal assistants do most of their work in court. More often, attorneys and their clients are seeking ways to reconcile differences without spending the time and money involved in a lawsuit. This course examines the concept of ADR and the various range of ADR methods by which disputes can be resolved, the kinds of disputes that can be resolved through ADR, the benefits of referring disputes to ADR and limitations to the ADR process. It introduces students to the principal dispute resolution processes and to help prepare students to use such processes to advance the interests of clients. **Prerequisite: None.**

**LAW 510 Conflict and Alternative Dispute Resolution II (4)** reflecting on theories of conflict, peace and security as well as conflictology, this course surveys the growing alternative dispute resolution field, with a focus on negotiation, mediation, arbitration and therapeutic jurisprudence. Considers the theoretical foundations for the processes, and teaches the strategies, tactics and
skills required for lawyers to participate in these processes through readings, videos and simulation exercises. Participants will learn negotiation skills and how to select the most cost-effective and least intrusive ADR method to achieve the most positive result for both parties. Students will understand the processes and methods of ADR techniques; learn the proper application and limits of ADR techniques; appreciate the ethical considerations involved in ADR; and develop a basic ability to apply ADR methods. **Prerequisite: LAW 509.**

**LAW 511 New Technologies and the Law I (CyberLaw) (4)** this course provides an overview of the entire field of Information and Communication Technologies (ICT) Law, with specific emphasis on the legal aspects of computing, communication and other components of modern ICT. It discusses the use of computers, the internet, the right to information, privacy laws, invasion of privacy of individual and institutions, violation of intellectual property rights, misinterpretations, computer fraud or crimes interfering with state security or communications, formation and enforcement of (e-commerce) contracts, disclaimers and implications of cross border or transnational transactions, remedies available in breach or computer crimes, evolution of computer crime. **Prerequisite: None.**

**LAW 512 New Technologies and the Law II (Bioethics and Biotechnology) (4)** this course will explore the ethical, legal, and public policy issues arising from various advances in biomedical science and biotechnology. Students will be invited to consider the ways in which such developments affect law and public policy, as well as the issues that may arise in attempts to govern and regulate science according to ethical principles. **Prerequisite: LAW 511.**

**LAW 513 Journal of Law, Ethics & Development I (4)** law students who have passed all the prescribed courses up to the third year level of the LLB program may earn academic credits each semester for editorial work on the AUN Journal of Law, Ethics & Development. The mission of the AUN Journal of Law, Ethics & Development is to provide a forum of discussion for any aspect of law, ethics or public policy; to stimulate students’ interest in interdisciplinary issues; to provide open and equal access to our publications; to be economically efficient, environmentally sustainable, and immediately responsive to current events in the thematic fields; and to inspire readers to address their minds to these issues. Students may only participate in the Journal after submitting a letter of interest and being offered membership on the Journal by the School Research Chair. **Prerequisite: Passed All Registered Courses Up to LL.B Year 4 plus Approval by School Research Chair.**

**LAW 514 Journal of Law, Ethics & Development II (4)** this course continues LAW 511. It helps students to cultivate interest in legal and transdisciplinary research and publishing through the AUN Journal of Law, Ethics & Development. **Prerequisite: LAW 513.**

**MATHEMATICS**

**MAT 100 Pre-Algebra (0)** This course is a follow up to high school algebra (or its equivalent) and is intended to provide a thorough review of basic algebra skills necessary for further study in mathematics, the sciences, and in applied fields. **Prerequisite: None.**

**MAT 110 University Algebra (3)** is a university level course in algebra that provides a foundation for further courses in mathematics and includes discussions on real numbers and their properties, exponents and radicals, polynomials and factoring, rational expressions, linear and quadratic equations, linear and quadratic inequalities, the Coordinate Cartesian plane, functions and their graphs. **Prerequisite: MAT 100 or University mathematics placement test.**

**MAT 111 Finite Mathematics (3) (formerly MAT101)** provides the background in the basic quantitative techniques and lays foundation for more advanced courses in Mathematics and related courses. It covers straight lines and linear functions, financial mathematics, sets and its operations, probability, distributions and logic. **Prerequisite: MAT 100 or University mathematics placement test.**

**MAT 112 Pre-Calculus (3) (formerly MAT120)** focuses principally on trigonometry and analytic geometry and prepares students for further courses
in calculus while building on the algebra substructure erected by MAT 110 (University Algebra). Prerequisite: MAT 110 or University mathematics placement test.

MAT 210 Calculus I (3) (formerly MAT121) introduces the basic notions of calculus such as limits and continuity, differentiation and integration such as the indefinite integral, integration by substitution, the definite integral, the fundamental theorem of calculus, and curve sketching, with applications. Prerequisite: MAT 112 (formerly MAT120) or University mathematics placement test.

MAT 211 Calculus II (3) (formerly MAT210) provides an overview of integration, applications to area, volume, motion, length, work and fluid pressure, methods of integration, approximate integration, improper integrals, differential equations and applications, infinite series, convergence tests, MacLaurin and Taylor series, analytic geometry, calculus for polar and parametric curves, and conic sections. Prerequisite: MAT 210 (formerly MAT121).

MAT 310 Calculus III (3) (formerly MAT211) is a continuation of the study of functions introduced in Calculus I and II. Students apply and extend the ideas of limit, continuity, differentiation and integration to vector-valued functions and functions of several variables, gradients, divergence, directional derivatives, maxima, minima, surface integrals, and Stoke's Theorem. Prerequisite: MAT 211 (formerly MAT121).

MAT 311 Vector Calculus (3) This course completes the calculus sequence and consists of topics in the calculus of vector-valued functions, multiple integration and their applications in find the mass, density and center of mass of solids, vector fields, line integrals, surface integrals, parametric surfaces and their areas and the three most important theorems in several variable calculus which are the Green’s Theorem, the Stoke's Theorem, and the Divergence Theorem. Prerequisite: MAT 310 (formerly MAT211).

MAT 312 Linear Algebra (3) (formerly MAT212) is a complete course in linear algebra including theory of matrices, determinants, vector spaces, linear transformations, eigenvectors, eigenvalues, and applications. Prerequisite: MAT 211 (formerly MAT210).

MAT 313 Real Analysis I (3) is a field of mathematics based on the properties of real numbers and ideas of sets, limit of functions and their properties (e.g. continuity, differentiability and integrability), convergence of sequences and series etc. It is a theoretical foundation behind calculus and also as a part of the essential foundations of graduate study in many areas of pure and applied mathematics. Prerequisite: MAT 211 (formerly MAT210).

MAT 315 Abstract Algebra (3) This is a foundation course in Abstract Algebra, which introduces students to topics on Binary Operations, Groups, Subgroups, Permutations, Cyclic groups, Isomorphism, and Direct Products. The course also gives a general introduction to algebraic structures besides Group, such as Rings and Fields, but without detailed exposition. Emphasis shall be placed on relevant applications. Prerequisite: MAT 312 (formerly MAT 212).

MAT 316 Numerical Analysis (3) discusses both theoretical and practical aspects of numerical methods, such as approximate solution of algebraic equations, interpolation, curve fitting, numerical integration and differentiation, numerical solutions of ordinary differential equations and numerical methods for solving systems of equations. The course analyzes algorithms and discusses applicability and accuracy of numerical methods. Some knowledge of computer programming is required. Construction of practical algorithms and actual implementation of these algorithms will be addressed using MATLAB, Monte Carlo integration and other mathematical software. Prerequisite: MAT 313.

MAT 410 Differential Equations (formerly MAT 310) (4) introduces first and second order differential equations with applications, series solutions, numerical methods, Laplace transforms, and systems of differential equations with applications, as well as an introduction to partial differential equations. Prerequisite: MAT 310 (formerly MAT 211).
MAT 411 Partial Differential Equations (3) The course covers Laplace equation, the heat equation and the wave equation. Solutions of linear equations by means of Fourier series and separation of variables. Poisson formulas and maximum principles. Prerequisite: MAT 410 (formerly MAT 310).

MAT 412 Complex Analysis (3) This course is the study of calculus with the imaginary number included. Topics include the algebra of complex numbers, complex functions, analytic or holomorphic functions, contour integration and Cauchy integral theorems, Taylor and Laurent series and the residue theorem, the evaluation of real definite integrals, elementary mapping problems such as the Mobius transformation. Prerequisite: MAT 313.

MAT 413 Differential Geometry (3) The course discusses the differential geometry of curves and surfaces. It also looks at parameterized curves, regular surfaces, inverse images of regular values, definition of the Gauss map and its properties, as well as intrinsic geometry of surfaces. Prerequisite: MAT 310 (formerly MAT 211).

MANAGEMENT

MGT 201 Principles of Management (3) surveys the basic concepts and ideas of organizational behavior and the various functions and activities of the manager through global perspective. Topics include plans, goals, decision making, change, motivation, human resources, ethics and social responsibility, groups and teams, organization design, leadership and control. Prerequisite: WRI 102.

MGT 300 International Business (3) introduces students to the opportunities created, and problems encountered, when business transactions are conducted across national boundaries. It covers topics such as: globalization, balance of payments analysis, theories and trends in world trade and foreign investment, as well as international organizations such as WTO, IMF, and the World Bank. Prerequisite: MGT 201.

MGT 301 Organizational Behavior (3) takes an in-depth look at human behavior in organizations, incorporating current management theory and research. It looks into the factors that influence individual and group performance. Topics may include perception, personality, attitudes, values, motivation, decision making, leadership, power and politics, conflict and negotiation, groups and culture. Prerequisite: MGT 201.

MGT 302 Managing Human Resources (3) examines the foundations, functions, and activities involved in the managing of human resources, striking a balance between current theory and practice. Topics include manpower planning, recruitment and selection, policy and procedures, performance appraisal, compensation and benefits, training, safety and industrial relations. Prerequisite: MGT 201.

MGT 360 Business Ethics and Social Responsibility (3) introduces the student to the ethical dimensions of business as they relate to the various stakeholders inside and outside the organization. Topics may include business ethical theory, ethical decision-making, typical dilemmas and corporate social responsibility. Cases and projects are used to examine these issues, with special attention to local applications as well as the global perspective. Prerequisite: MGT 201.

MGT 380 Project Management (3) examines the concepts and techniques of managing projects in service and manufacturing settings. Topics include project selection and evaluation, dynamics, motivation and evaluation of team members, scheduling, budgeting and closure. Prerequisites: MGT 201.

MGT 405 Leadership and Motivation (3) builds on MGT 301 by focusing on the necessary skills and abilities of the successful leader and manager and the appropriate motivational techniques they use to achieve high performance levels. Students are not only introduced to these success factors, but are challenged to both assess and develop their own leadership skills throughout the course. Prerequisites: MGT 301 and at least Junior Standing.

MGT 406 Business Policy and Strategy (3) applies the functional knowledge acquired in
previous coursework to the analysis of strategic-level business problems and decisions. Business cases are used extensively in this course to highlight the diversity and complexity of organizational environments and systems. Topics include missions and objectives; environmental analysis; formulating, implementing and assessing strategies and policies; and international, social and ethical issues. 

**Prerequisite: Senior Standing.**

MGT 492 Management Independent Study (3)  
**Prerequisites:** 2.0 CGPA or higher and Junior/Senior Standing.

**MARKETING**

MKT 201 Principles of Marketing (3) introduces the concept of making marketing decisions in business and non-profit organizations within the global context. Particular attention is devoted to analyzing consumer needs, segmenting markets, and developing product, promotion, pricing, and distribution strategies. Relationships among consumers, business and governments are explored.  

**Prerequisite: WRI 102.**

MKT 301 Consumer Behavior (3) studies marketing, psychology, sociology, and cultural anthropology to determine motivations for product purchases. A multimedia approach is used to illustrate the use of behavioral science theory to create new products and promotional campaigns.  

**Prerequisite: MKT 201.**

MKT 302 Marketing Research (3) examines research tools students can use to help make marketing decisions. Students learn to define research problems, to select projects and to analyze data. The execution of a consumer survey is a major component of the course. Students use computer statistical packages to analyze research data.  

**Prerequisite: MKT 301.**

MKT 303 Integrated Marketing Communications (3) exposes students to the managerial communications/promotional relevance of marketing principles and strategies. In addition to knowledge of the relevant marketing environment, it emphasizes the synergy between marketing promotions' strategies on the one hand and strategies associated with the other marketing-makes elements on the other. The course content includes: objectives of marketing promotions budgeting, integrated marketing communications and assessing the effectiveness of marketing communications policies and strategies.  

**Prerequisite: MKT 301.**

MKT 304 Sales Management (3) covers topics such as: evolution of sales management, sales force management, major tasks of sales management team, sales management and strategies, sales forecasting, internet sales systems, sales management decisions.  

**Prerequisite: MKT 301.**

MKT 305 Distribution and Supply Chain Management (3) covers topics such as: relevance of distribution and supply chain management (SCM), physical distribution strategies, distribution channels and corporate strategy, purchasing and supply chain policy, planning in supply chain management, IT in supply chain management, value analysis, and ethical issues in SCM.  

**Prerequisite: MKT 301.**

MKT 401 Marketing Strategy (3) analyzes current marketing management issues. Students develop a marketing plan for an outside organization, analyze case studies and participate in computer simulation exercises.  

**Prerequisite: MKT 301.**

MKT 402 International Marketing (3) covers topics such as psychic distance in international marketing, forms of international market entry strategies, barriers to international marketing, international marketing environment, export marketing, identifying international marketing opportunities, evaluation and control of international marketing operations.  

**Prerequisite: MKT 301.**

MKT 492 Marketing Independent Study (3)  
**Prerequisites:** 2.0 CGPA or higher and Junior/Senior standing.

**NATURAL AND ENVIRONMENTAL SCIENCES**

NES 101: Introduction to Environmental Sustainability (4) introduces students to important concepts and issues in the field of environmental sustainability, including the state of the global environment, basic environmental science, and the meaning of sustainability. Using an interdisciplinary
approach, students will learn how human society, and they as individuals, harm the environment and ultimately human well-being. The course will also demonstrate how humans can take actions to reverse environmental harm by implementing sustainable solutions. As part of this focus on solutions, students will learn about and use tools to attain sustainability. 

Prerequisites: None

**NOTE:** This course is designed for non-science majors who are fulfilling general-education requirements and for students who have an interest in issues related to the environment and sustainability. NES majors should take NES 201, Introduction to Natural and Environmental Science.

**NES 102 Topics in Natural and Environmental Sciences: Conservation Biology (3)** is designed for non-science majors who are fulfilling general education requirements and for students who have an interest in issues related to conservation biology, including the preservation of wildlife and natural environments. Special focus will be on African wildlife and natural habitats, particularly those of Nigeria. 

Prerequisite: None.

**NES 200 Environmental Science Forum & Colloquium (1)** is an introductory seminar on current environmental science research. It also provides a forum to discuss current environmental issues and problems. 

Prerequisite: None.

**NES 201 Introduction to Natural and Environmental Sciences (3)** is for science majors. It covers the physical, biological, social, and economic forces that lead to and affect environmental problems, and presents solutions. Urgent issues related to the environment, such as pollution, human population growth, and climate change, will be emphasized. 

NOTE: Non-science majors should NOT take this course; they should take NES 101. 

Prerequisite: None

**NES 202 Principles of Ecology (4: 3 lecture, 1 lab)** covers the patterns of environments and biological communities with a focus on the processes that maintain these patterns. Emphasis is on African (especially Nigerian) habitats. 

Prerequisite: NES 201.

**NES 300 Environmental Policy and Risk Management (3)** cover policy institutions and policies related to environmental and health risks. 

Prerequisite: NES 201.

**NES 310 Behavioral Ecology (3)** focuses on the interrelationship of an animal's ecology and its behavior. Key topics include optimal foraging theory, habitat selection, predator-prey adaptations, ecological constraints on sexual selection, and mating systems. 

Prerequisites: NES 202 and BIO 220.

**NES 320 Special Topics in Natural and Environmental Science (3)** offers a current perspective on a special topic within Natural and Environmental Sciences. Topics vary, and the course may be repeated with permission of the instructor. 

Prerequisites: eight (8) hours of NES courses and junior/senior standing.

**NES 340 Pollution: Sources and Effects (3)** studies the impact of modern industrial and agricultural activities on the environment, including the chemical nature of the pollutants and their origins and effects. Topics include global warming, ozone depletion, acid rain, and other air pollution resulting from the use of fossil fuels. 

Prerequisite: CHE 210.

**NES 342 Environmental Toxicology (3)** presents the biochemical and cellular basis for target site specificity of toxic agents in living organisms. Students will learn toxicant routes of entry, absorption, distribution throughout the body, Phase I and Phase II metabolism, organ specific toxicities, and defense mechanisms. 

Prerequisites: BIO 121 and CHE 121 and NES 201.

**NES 344 Environmental Risk Assessment (3)** introduces students to ecological and human health risks and issues related to quantitative risk assessment. 

Prerequisites: BIO 121, NES 201 and STA 101.

**NES 401 Community Ecology and Population Biology (3)** focuses on the history, demography, environmental factors, density-dependent factors, genetics and population ecology, theories of population and community organization and
includes the theoretical and empirical study of the structure and organization of natural communities. Topics include competition, predation, disturbance, abiotic gradients, and species equilibria. **Prerequisites:** NES 310 and STA 101.

NES 406 Plant Community Ecology (3) provides a survey of the distribution of vegetation throughout Africa and the world. The course also offers comparative studies of vegetation sampling techniques and mathematical analysis of data. **Prerequisites:** NES 310 and BIO 106 & STA 101.

NES 420: Environmental and Occupational Health (3) covers a broad spectrum of environmental hazards and influential factors, their interactions with human health and well-being, and their relevance to effective promotion of environmental hazard awareness and public health. **Prerequisites:** BIO 121 and NES 201.

NES 430: Environmental Chemistry (3) (cross listed with CHE 322) covers the concept of elementary cycles; characteristics of the atmosphere, sources, types, effects and control of environmental pollution, and waste water treatment. It also examines the composition of domestic waste (handling solid waste) and waste recycling; water chemistry and analysis; and chemical and physical instrumentation in environmental sciences. Global warming: its sources, effects and remedies. Green Chemistry: Principles and concept of green chemistry, atom economic and noneconomic reactions, reducing toxicity, a few examples of environmental friendly reactions and reaction media. **Prerequisites:** CHE 121

NES 440 Environmental Impact Assessment (3) provides theory, regulatory guidance, and practical experience in objectively analyzing and reporting the environmental impacts of a wide variety of projects. After classroom discussions of theoretical and regulatory background, students will research and exchange presentations on the underpinnings of the various socioeconomic, natural, and health science disciplines to be addressed in a typical EIA. This will include interviewing a professor or practitioner in each science. The class will then turn its attention to methodology, whereupon students will get experience developing the approach and framework for a project of their choosing. Students will work together to understand EIS provisions for community involvement and the accompanying approach to stakeholder engagement. We will also read and discuss a number of actual EIAs and will seek the opportunity to participate in field trips to a development site where one is performed locally. **Prerequisites:** At least three courses in NES and permission of the Instructor and senior standing.

NES 490 Senior Research Project in Natural and Environmental Science (3) provides an opportunity for a directed field research project in the student's area of concentration, arranged before the course begins. **Prerequisites:** NES 310 and BIO 106 & STA 101.

NES 492 Independent Study in Natural and Environmental Science (1-6) provides an opportunity for a contracted, independent study. Independent study includes library and/or laboratory research and field projects. **Prerequisites:** NES 492 Independent Study in Natural and Environmental Science (1-6) provides an opportunity for a contracted, independent study. Independent study includes library and/or laboratory research and field projects. **Prerequisites:** Permission of the Instructor and Department Chair and CGPA of 2.0 or higher and junior/senior standing.

NES 493 Internship in Natural and Environmental Science (1-6) is a supervised internship and summer training experience in aspects of natural and environmental science, such as conservation biology, ecology, toxicology or other relevant environmental issues. This may take place in a setting outside the university under the supervision of experts in the specific field of study. A report is required. **Prerequisites:** Permission of the Instructor and Department Chair and CGPA of 2.0 or higher and junior/senior standing.

**PETROLEUM CHEMISTRY**


PCE 311 Natural Gas (3) Discussions on formation, composition, and world distribution of natural gas. Physical and chemical properties of natural gas. Natural gas, wet and dry gas, biogenic and thermogenic gas, associated and non-associated gas, sour and sweet gas. Natural gas treatment processes: acid gas treatments, gas dehydration, recovery of natural gas liquids, and production of liquefied natural gas. Direct applications of natural gas as fuel; current technologies for more efficient utilization of natural gas as fuel; natural gas as source of raw materials (C2+ hydrocarbons) petrochemical industry; extraction of C2+ hydrocarbons and their conversion to olefins for petrochemicals; production of synthesis gas from natural gas (G1); chemistry and technology of conversion of natural gas (G1) into petrochemicals via synthesis gas; ammonia from natural gas via synthesis gas. Prerequisite: CHE 210.

PCE 313 Introductions to Catalysis (3) Definition of terms; the concept of catalysis; mechanism of catalysis; role of catalysis in the chemical industry; types of catalysis; properties of catalysts; methods for characterization of catalysts; factors that determine industrial use of catalysts; catalyst deactivation; catalyst recycling and management; examples of industrial applications of catalysts: Wacker process, catalytic cracking with zeolites, catalytic reforming, Fischer-Tropsch process, Haber process, Contact process, Ziegler-type catalysts in polymerization. Prerequisite: CHE 340.

PCE 320 Petrochemicals (4: 3 lecture, 1 lab) Introduction to petrochemicals and petrochemical industries; Primary feedstock for the petrochemical industry. Chemistry and technology of production of chemicals and polymers from (a) ethylene, and (b) propylene; Basic reactions of hydrocarbons: oxidation, halogenations, sulphonation and nitration; Chemistry and technology of production of chemicals and polymers from (a) C4-C5 streams, and (b) BTX stream; Generation, composition and usage of syngas. Potential non-petroleum sources of petrochemicals. Formation, occurrence and potentials; classifications; coal and oil shale mining and processing techniques; coal as fuel, efficient combustion techniques, coal as source of cleaner fuels; coal as source of petrochemicals/raw materials, Fischer-Tropsch process; coal utilisation and the environment. Environmental impact of petrochemicals. The prospects of petrochemical industry in Nigeria. Prerequisites: CHE 210 and CHE 220.

and CHE 220.

PCE 410 Oil Spill & Gas Flaring: Effects & Control (3) Covers aspects in controlling oil spill in the petroleum industry. Environmental impacts of oil prospecting, drilling and production. It includes discussion of the spill characteristics, chemical-physical and biological treatments, economics, and international regulation of oil spills. Effects of oil spillage on water and land environments. Processes of treating oil spillage (chemical, biochemical and microbiological). Gas flaring; effects and control. Methods of controlling the environmental impacts of oil and gas industry. Nigerian experiences in environmental effects of oil and gas operations. Current affairs. A field trip to an agency and/or industry involved in oil spill control is also undertaken. **Prerequisite:** Senior Standing.

PCE 416 Coal & Oil Shale Chemistry (3) Formation, occurrence and potentials; classifications; coal and oil shale mining techniques; coal and oil shale processing techniques; coal as fuel, efficient combustion techniques, coal as source of cleaner fuels; coal as source of petrochemicals/raw materials, Fischer-Tropsch process; coal utilization and the environment. **Prerequisites:** PCE 320 and PCE 321.

PHILOSOPHY

PHI 102 Philosophy and Human Existence (3) is a brief survey of the main branches of Philosophy – philosophy of religion, ethics, self, knowledge and mind, political philosophy. Reference will be made to Nigerian philosophy, where appropriate. **Required for Law Students, by law. Prerequisites:** None

PHI 103 Logic (3) Symbolic logic; Special symbols in symbolic logic-conjunction, negation, affirmation, disjunction, equivalent and conditional statements. The method of deduction using rules of inference and bi – conditionals, qualification theory. Types of discourse, nature or arguments, validity and soundness, techniques for evaluating arguments, distinction between inductive and deductive inferences; etc. (Illustrations will be taken from familiar texts, including literature, novels, and newspaper publications). **Required for Law Students, by law, Prerequisites:** PHI 102.

PHI 201: Comparative Religions: Islam and Christianity (3) This course provides a comparative study of two of the world's religions, their foundations, their development, and their influence. **Prerequisite:** None.

PHI 300 Ethics and Leadership (3) This course examines the ethical issues involved in effective leadership, with examples from the African experience. **Prerequisite:** Junior/Senior Standing.

PHYSICS

PHY101 Physical Science I or Conceptual Physics I (4) It is essential in today's technical world that informed citizens possess fundamental science literacy. This course introduces the student to the fundamental principles of physical science embodied in the disciplines of physics and chemistry. Mathematics up to and including college algebra will be used throughout the course. Lab based Science Elective I for non-science majors. **Prerequisite:** None.

PHY 102 Physical Science II or Conceptual Physics II (4) provides a continuation for PHY101. Topics include electricity, magnetism, optics, matter, atoms and molecules, atomic and nuclear physics. Lab based Science Elective II for non-science majors. **Prerequisite:** PHY 101.

PHY 131 College Physics I (4) This course covers motion, energy, vibrations, temperature; heat and fluids are studied using algebra and trigonometry with an emphasis on applications. Students who have not taken high school physics are advised to take a semester of PHY101 before enrolling in this course. **Prerequisite:** MAT 110 or higher.

PHY 132 College Physics II (4) provides a continuation for PHY131. Electricity, magnetism, circuits, waves, optics and the atomic and nuclear structure of matter are studied using algebra and trigonometry with an emphasis on applications. **Prerequisite:** PHY 131 or PHY 205.

PHY205 University Physics I or Principles of Physics I (4) This course covers basic principles of mechanics, heat and wave motion are studied using
calculus with an emphasis on applications. Students who have not taken high school physics are advised to take a semester of PHY101 before enrolling in this course. Prerequisite: MAT 210 (formerly MAT121).

PHY206 University Physics II or Principles of Physics II (4) This course provides a continuation for PHY205. Basic principles of electricity, magnetism and optics are studied using calculus with an emphasis on applications. Prerequisite: PHY 205.

PHY 220 Meteorology (3) includes the general character of the atmosphere and its weather and climate systems, phenomena, and distributions of variables (winds, temperature, pressure, moisture). Topics include forecasting, basic observations, hurricanes, monsoon, El Niño, and modeling. This course satisfies one of the Natural and Physical Science General Education requirements. Prerequisite: MAT 112 (formerly MAT120).

PHY 310 Introduction to Modern Physics (3) introduces atomic structure, quantum mechanics, and relativity, nuclear and solid state physics. Prerequisite: PHY 206.

PHY 320 Fluids (3) covers steady ideal and viscous fluid flow systems using the continuity, Bernoulli and momentum equations, boundary layer theory, dimensional analysis and dynamic similitude. Pipe flow and open channel flow are introduced. Prerequisite: PHY 206.

PHY 330 Introduction to Electronics (3; 1 lecture, 2 lab) introduces students to circuit design and the analysis of electronic devises and will cover circuit analysis (DC and AC), semiconductor devices (diodes and transistors), analog electronics (operational amplifiers), and other topics. Prerequisite: PHY 206.

PHY 340 Issues in Environmental Physics (3) focuses on the application of physics to the Earth's environment. Topics may include energy conservation principles, thermodynamics of fossil fuel engines and devices, solar and other alternative energy sources, nuclear fission reactors and nuclear fusion research, and the physics of the atmosphere, air pollution, global climate change, and ozone depletion. Prerequisite: PHY 206.

PHY 399 Supervised Physics Laboratory Instruction (3) provides the opportunity for students to gain experience in physics laboratory instruction under close supervision of the primary physics professor. Prerequisites: Permission of the Instructor and PHY 206.

PSYCHOLOGY

PSY 101 Introduction to Psychology (3) This course introduces students to the science of Psychology. It explores essential topics such as perception, human communication, cognition, memory, the process of decision-making, faith and religion, persuasion, love, art, dreams and general functioning of the human mind – revealing its complexities. The course further explores how these aspects of the mind develop in children; how they differ across peoples; and how they break down in situations of old age, disease and injury. Students will also gain insight into the history and development of the field, explore basic theories and understand the importance of the scientific methods. On completion, students should have a richer understanding of individuals as thinking, feeling and social beings. Prerequisite: WRI 101.

QUANTITATIVE BUSINESS ANALYSIS

QBA 201 Quantitative Business Analysis (3) is an application-oriented course that introduces some basic concepts of statistics and calculus for business majors. Topics to be covered include: descriptive statistics, probability distributions, estimation and hypothesis testing, correlation, regression, functions, partial derivatives, optimization, differential and integral calculus. The course also introduces students to the use of statistical package for social sciences (SPSS). Prerequisite: MAT 210.

QBA 202 Operations Management (3) covers and applies the basic principles, functions and concepts involved in the design, operation, and control of operations in contemporary organizations to real operations management decisions. Topics include
operations strategy, forecasting, capacity planning, location decisions, production planning, materials management, productivity management and quality management. **Prerequisite:** QBA 201 or STA 101.

**QBA 411 Research Methodology (3)** provides students with a good understanding of business research, and equips them with the practical tools and skills to conduct business and applied economic research. It equips students with the skills to identify and formulate research questions, formulate hypotheses, and critically write and evaluate research proposals. It also aims to improve the student's critical approach to gathering data through survey, secondary sources, discussing concepts, as well as testing for validity, reliability, and accuracy. Another important aim is to help the student to design his/her final year research project (QBA 412). **Prerequisite:** Senior Standing.

**QBA 412 Research Project (3)** is a pre-approved faculty guided final research project for graduating students in SBE. Faculty from the students' major will supervise and guide a student to successfully complete an approved research project. The final product will be expected to employ all the research skill and analytical tools covered in the Research Methods course (QBA 411). The student will defend the final research project before his/her peers and faculty of SBE. **Prerequisites:** QBA 411 and Senior Standing.

**QBA 465 Business Analytics and IT (3)** introduces information technology, data analysis and decision support or decision science as essential components of today’s business organization. Nowadays, organizations use information systems to manage data and operations, analyze data, and support operational decision making. This course provides students with the knowledge and skills needed for the converging fields of business analytics and information technology. **Prerequisites:** CIE 111 and at least Junior Standing

**SOFTWARE ENGINEERING**

**SEN 301 Introduction to Software Engineering (3)** (formerly SEN 201) principles of software engineering: review of principles of object orientation. Object oriented analysis using UML, Frameworks and APIs. Introduction to the client server architecture. Analysis, design and programming of simple clients and servers. Introduction to user interface technology. **Prerequisites:** CIE 231 and CSC 202.

**SEN 306 Object Oriented Software Construction (3)** covers the basic concepts, principles and notations of object oriented analysis and design (OOAD). Special emphasis will be placed on critical issues for consideration in modern software development such as software quality and corresponding concepts, principles and best practices for addressing both functional and non-functional requirements of the software system in its architecture. Topics will include specifications, abstraction techniques including typing, access control, inheritance, polymorphism, genericity and design patterns, frameworks and architectures. Students will also learn the proper engineering use of techniques such as information hiding, classes, objects, inheritance, design by contract, exception handling, event based systems, and concurrency. **Prerequisite:** SEN 301.

**SEN 312 User Interface Design and HCI (3)** introduces the principles of user interface development, focusing on three key areas: (1). Design: How to design good user interfaces, starting with human capabilities and using those capabilities to drive design techniques: task analysis, user centered design, iterative design, usability guidelines, interaction styles, and graphic design principles. (2). Implementation: techniques for building user interfaces, including low fidelity prototypes, Wizard of Oz, and other prototyping tools; input models, output models, model view controller, layout, constraints, and toolkits. (3). Evaluation: techniques for evaluating and measuring interface usability, including heuristic evaluation, predictive evaluation, and user testing. **Prerequisite:** SEN 301.

**SEN 321 Formal Methods in Software Engineering (3)** review of mathematical foundations for formal methods. Formal languages and techniques for specification and design, including specifying syntax using grammars and finite state machines. Analysis and verification of specifications and designs. Use of assertions and proofs. Automated program and design transformation. **Prerequisite:** CSC 214.
SEN 400 Professional Ethics (3) history of computing and software engineering. Principles of professional software engineering practice and ethics. Societal and environmental obligations of the software engineer. Role of professional organizations. Intellectual property and other laws relevant to software engineering practice. **Prerequisite: Junior/Senior Standing.**

SEN 405 Software Requirements Analysis and Specification (3) covers techniques for discovering and eliciting requirements and notations and models for representing requirements. Topics will include: analysis and validation techniques, specifying and measuring external qualities such as performance, reliability, availability, safety, security, etc. Specifying and analyzing requirements for various types of systems such as embedded systems, consumer systems, web based systems, business systems, systems for scientists and other engineers and resolving feature interactions. **Prerequisite: SEN 301.**

SEN 406 Technical Report Writing (3) covers the essentials of oral, written, and graphical communication for software engineers. It includes principles of technical writing; types of documents and strategies for gathering information and writing documents, including presentations; the appropriate use of tables, graphics, and references; how to be convincing and how to express the rationale for one’s decisions or conclusions; the basics of how to work effectively with others; notions of what motivates people, and concepts of group dynamics. It also focuses on the principles of effective oral communication, both at the interpersonal level and when making presentations to groups; and strategies for listening, persuasion, and negotiation. **Prerequisite: WRI 102.**

SEN 408 Software Project Management (3) covers project planning, cost estimation, and scheduling. Also: project management tools; factors influencing productivity and success; productivity metrics; analysis of options and risks; planning for change; management of expectations; release and configuration management; software process standards and process implementation; software contracts and intellectual property; and approaches to maintenance and long term software development. It involves case studies of real industrial projects. **Prerequisite: SEN 405.**

SEN 415 Software Quality Assurance and Testing Quality (3) is about how to assure it and verify it, and the need for a culture of quality. Also included in this course are: avoidance of errors and other quality problems; inspections and reviews; testing, verification and validation techniques; process assurance vs. product assurance; quality process standards; product and process assurance; problem analysis and reporting and statistical approaches to quality control. **Prerequisite: SEN 301.**

SEN 416 Software Design and Architecture (3) take an in depth look at software design. Continuation of the study of design patterns, frameworks, and architectures. Survey of current middleware architectures. Design of distributed systems using middleware. Component based design. Measurement theory and appropriate use of metrics in design. Designing for qualities such as reliability, performance, safety, security, reusability, etc. Measuring internal qualities and complexity of software. Evaluation and evolution of designs. Basics of software evolution, reengineering, and reverse engineering. **Prerequisite: SEN 306.**

SEN 469 Software Testing: Verification and Validation (3) looks at testing techniques and principles: defects vs. failures, equivalence classes, and boundary testing. Also, types of defects, black box vs. structural testing and testing strategies: unit testing, integration testing, profiling, test driven development; state based testing; configuration testing; compatibility testing; and web site testing. Alpha, beta, and acceptance testing. In addition, coverage criteria, test instrumentation and tools, developing test plans, managing the testing process, problem reporting, tracking, and analysis. **Prerequisite: SEN 301.**

SEN 470 Engineering Economics (3) covers the scope of engineering economics; microeconomics; supply, demand, and production; cost benefit analysis and break even analysis; return on investment; analysis of options; time value of money; management of money; economic analysis, accounting for risk. **Prerequisite: ECO 201.**
SEN 474 Principles of Distributed and Concurrent Software Systems (3) is the modeling and design of parallel and distributed software at the architectural level. It includes basics of model driven architecture, architectural styles and patterns. **Prerequisite: SEN 301.**

SEN 478 Engineering of Software Sub Systems (3) is a detailed and in-depth design and construction software with emphasis on design patterns and refactoring. It is also an introduction to formal approaches to design and includes the analysis of designs based on internal quality criteria; performance and maintainability improvement, reverse engineering, and disciplined approaches to design change. **Prerequisite: SEN 301.**

SEN 490 Software Engineering Capstone Project (3) is the development of a significant software system, employing knowledge gained from courses throughout the program. It includes development of requirements, design, implementation and quality assurance. Students may follow any suitable process model, must pay attention to quality issues, and must manage the project themselves, following all appropriate project management techniques. Success of the project is determined in large part by whether students have adequately solved their customer’s problem. **Prerequisite: Senior Standing.**

SOCIOLOGY

SOC 101 Introduction to Sociology (3) introduces the principles of sociology, the study of human society and institutions, and the methodology of social and behavioral study. **Prerequisite: None.**

SOC 288: Criminology (3) What causes a person to commit murder? How does one become a terrorist? How close to becoming a criminal are you? What goes on in the mind of a criminal? What makes the quiet boy/girl in school become a mass-murderer? Can you become a suicide bomber? Need answers? This course provides answers to the study of crime, violence, and terrorism. Criminology is primarily concerned with understanding the causes of crime and we will visit some of the most influential explanations for criminal behavior. As social context shapes general beliefs, it also shapes beliefs about crime; we will consider how different explanations have emerged at different times and how society contributes to explanations of crime and criminality. To develop credible explanations for crime, criminal behavior, and terrorism, we must understand the nature of crime and examine a range of criminal activity. **Prerequisite: None**

SOC 301 Classical Sociological Theories (3) This course introduces some of the “classical” theoretical traditions that have guided sociological thought. The course explores the cultural, social, economic, political, intellectual and biographical contexts within which they developed. It also offers a sense of the historical forces that gave shape to sociological theory and their later impact. The works of classical sociological theorists as Auguste Comte, Karl Marx, Herbert Spencer, Emile Durkheim, Max Weber, Georg Simmel, Vilfredo Pareto among others are explored. In this course students will learn, in an engaging way, how to understand the internal logic of sociological theories and how they apply to real life social processes. Students will also learn how to write analytically, drawing on classical sociological theories. **Prerequisite: SOC 101.**

SOC 390-1 Social Sciences Research Methods (3) The logic, design, and use of social research will be studied during this course. Major emphasis is on social research techniques and procedures, the relationship between theory and research, the selection and use of quantitative data analysis techniques. The structure and use of qualitative techniques are also examined. This course is designed to introduce the student to social science research methodology. In our approach to methodology, we will focus on the context and significance of methodological issues and problems, as well as on the content. To know and understand what methodology is, its purpose, and why it is utilized, will greatly facilitate our understanding of its practical applications in understanding group and institutional behaviors. Importantly, social science research methods are, on average, best approached by examining methodological approaches, critical discussions, and constructive activities. The student will be introduced to methodological issues and problems in social science research, data analysis, and proposal/report generation. Through extensive
reading, discussions, and written assignments on selected problems and issues in research methodology, this course is designed to familiarize and enhance student’s knowledge of methods in the social sciences. **Prerequisites:** SOC 101 and STA101 or QBA 101.

**STATISTICS**

**STA 101 Introduction to Research and Statistical Method (3)** offers a general introduction to statistical methods and applications with illustrations from business, economics and sciences; it prepares students for further quantitative courses. **Prerequisite:** MAT 110 or higher.

**STA 301 Probability and Statistics (3)** covers the fundamentals of probability; discrete and continuous random variables; expected value; variance; joint, marginal, and conditional distributions; conditional expectations; applications, simulation, central limit theorem, order statistics. It also includes methods of estimation, collection, analysis and display of quantitative information, hypothesis testing, regression, ANOVA. **Prerequisites:** MAT 210 (formerly MAT121) or higher and STA 101.

**STA 303 Non-Parametric Statistics (3)** introduces students to the theory and methods of non-parametric statistical inference, including categorical data and goodness of fit, application of rank-order statistics, sign statistics, the empirical distribution function and runs to commonly occurring data structures. **Prerequisites:** STA 101 and MAT210 (formerly MAT121) or higher.

**STA 304 Quantitative Methods in the Social Sciences (3)** introduces students to elements of statistics specifically applicable to social science research, including decision theory and related experimental evidence, maximum likelihood, logic, normal, probit, and ordered probit regression models, panel data models with random effects, omitted variable bias and random assignment, and incidental parameters and conditional likelihood. **Prerequisites:** STA 101 and MAT210 (formerly MAT121) or higher.

**STA 305 Biostatistics (3)** presents the basic mathematical methods that can be applied to biological and scientific data in order to organize, test, and interpret them, and reviews probability theory, and, at an introductory level, parametric and non-parametric biostatistics, the fundamentals of experimental design, and how optimality theory can be used to generate biological questions. **Prerequisites:** STA 101 and MAT210 (formerly MAT121) or higher.

**STA 310 Operations Research (3)** includes programming and the application of linear programming as well as non-linear programming, probabilistic models, decision theory and games, inventory models, and queuing theory. **Prerequisites:** STA301 and MAT210 (formerly MAT121) or higher.

**TELECOMMUNICATIONS**

**TEL 251 – Digital Systems & Lab (3)** – this course introduces students to the fundamental concepts of digital systems and gives extended possibilities to have hands-on experience with main devices and circuits. Introduction to Digital and Analog Systems, simplification techniques (K-map). Larger combinational systems (adders, decoders, muxes, etc.), Sequential systems (latches, flip-flops, etc.). Sequential systems applications and design (counters, registers, PLDs, etc.). Also introduces students to the use of Hardware Descriptive Language (HDL). **Prerequisite:** CIE 105.

**TEL 301 Principles of Telecommunications Engineering Theory (3)** this course covers various telecommunications concepts. The evolution and configurations of the various telecom networks are examined. PBX and PABX, PLMN, PSTN, POTS, CENTREX Office, OC, PC, IXC and SC are discussed. Such terminologies as Lease Lines, Local Loop, Number Portability, POP, Broadband, Wideband, Narrowband, Baseband, CELP, QoS, etc are also covered. **Prerequisite:** MAT 210.

**TEL 310 Fundamentals of Wireless Communications (3)** This course focuses on fundamental principles of wireless communications. The course is intended to stress the fundamentals of wireless communications engineering that are important to any wireless communication system. The course Introduces Wireless communication, which includes Introduction to wireless systems and
standards: cellular and mobile systems, multiple access techniques, cellular system design considerations, Radio Frequency (RF) Fundamentals, Spread Spectrum Technology. It also addresses the general wireless communication basics such as wireless propagation, communication impairments, signal modulation techniques, fundamentals of satellite technology and its applications. Prerequisite: TEL 301.

TEL 331 Telecommunications and Datacom Laws (3) This course discusses the concept of monopoly and a level playing field for all operators in the industry. The roles of the telecom regulators are examined. FCC in the US and NCC in Nigeria are examined. Telecom Acts are covered. Different carriers (ILEC, CLEC, IXT) and their roles are examined. The Licensing, tariff, charges, right of way, interconnectivity and spectrum auctioning are also covered. Prerequisite: TEL 301.

TEL 351 Telecommunications Network Security and Auditing (3) In this course on communication security, various techniques for the protection and survivability of information systems and networks are studied. Topic include Critical infrastructure definition, risk management, vulnerability and risk analysis, fault and attack trees, availability analysis, traffic restoration schemes and survivable network design and management techniques; critical infrastructure simulation, CIP policy and legal issues, SCADA systems. Prerequisite: TEL 301.


TEL 361 Telecommunications Protocols, Switching & Routing (3) This course focuses on communication protocols, switching and routing. Topics covered include Basic data communications theories (Data transmission, Coding & Modulation, Multiplexing & Switching, Transmission Media, Error Detection and Correction); the protocols covered are ISDN, FR, PDH, SDH, SONET, ATM, MPLS etc. Prerequisite: TEL 310.

TEL 399 Summer Training (3) Students will be conducting a practical project in rapport with their area of specialization. Projects include voice over IP system installation, service based architecture building, satellite system installation. Prerequisite: Junior Standing.

TEL429: Communication Modeling and Simulation (3) This course covers design, coding, modeling and simulation of discrete event systems specific to Telecommunications and Wireless Engineering. The systems covered include wired and wireless networks. It exposes students to several useful simulation and modeling tools, such as Matlab and NS-2, to conduct basic performance modeling and network simulation tasks such as network queue management and scheduling systems considering different types of queue objects; evaluating communication protocols such as TCP/IP, FTP and CBR. Prerequisites: TEL 360 and TEL 361.

TEL 480 Telecommunications Management and Control (3) This course introduces students to problems and analysis related to the design, planning, control, and improvement of telecommunication manufacturing and service operations. These analyses can be used in decisions ranging from tactical planning to strategic planning. Topics covered include process analysis, project analysis, production planning and scheduling, quality management, supply chain management, capacity and facilities planning, models to describe and reduce congestion, workforce scheduling. Cases from the telecommunications industry (for example, the design and management of call centers) will be covered. Prerequisites: TEL 310 & TEL361.

TEL 472 LAN Administration (3) The course reviews the various types of Local Area Network (LAN) technology, with a strong emphasis on their underlying protocols. This conceptual basis is complemented with a hands-on introduction to LAN administration using some of the most commonly deployed network operating systems (NOS). At the end of the course students should Prerequisite: CIE 333.
TEL 474: Introduction to Wireless Broadband Networks (3)
This course provides a solid introduction for students to modern wireless broadband networks and their architectures. It covers their evolution beginning from 2G, 2.5G, 3G, 3.5G, 4G and future networks. Emphasis will be placed on technologies such as GSM, GPRS, EDGE, UMTS, HSPA, WIMAX, WLAN, LTE and LTE-Advanced. This course will enable students to make comparisons of different wireless technologies and their applications. **Prerequisite:** TEL 310.

TEL 490 Senior Design Project / Capstone (3)
This is a senior year project that each student undertakes in an area of communications. The area of study is chosen with guidance from a communications faculty member who will be the primary supervisor of the student’s project. At the completion of the project, the student produces a thesis and also the student will be given the opportunity to defend the subject. This course fulfills SBE 320 requirement. **Prerequisite:** Senior Standing

TEL 499: Advanced in Communications Network
This course reviews the real of broadband networking including evolution of IP Services, IPT, IPTV and VPNs; discusses the next-generation networks, their broadband evolution, multimedia requirements, and convergence; addresses optical networking today and tomorrow, the drivers for optical networking and optical switches; and explores broadband access alternatives. Emerging wireless application such as software-define radio and cognitive radio are considered. **Prerequisite:** Junior Standing.

WRITING

WRI 100 Introductions to Freshmen Composition (3) designed to provide preparation for composition courses WRI 101 and WRI 102. The focus of the course will be on helping students develop competency in English grammar and reading comprehension; vocabulary building will also be emphasized. This course will not count towards degree requirements. Placement in this class will be based on a placement test to be administered before the first day of classes. Students who perform exceptionally well in the placement test will be exempted from taking this course. This course may be replaced with a learning enhanced lab which covers similar material while students are enrolled in WRI 101.

WRI 101 Freshmen Composition I (3) focuses on the developing effective written communication ability, critical reading skills, and analysis in several major forms of writing. **Prerequisite:** WRI 100 or University Placement Test.

WRI 102 Freshmen Composition II (3) focuses on the continued development of writing, critical reading, and analysis, and includes argumentative and research-based writing. **Prerequisite:** WRI 101.

WRI 300 Writing in the Disciplines (3) provides experience in writing, editing and preparing reports and papers and other documents suitable for presentation and appropriate for the student's discipline. **Prerequisite:** WRI 102.

WRI 320 Introduction to Creative Writing (3) provides an opportunity for students to develop their creative talents by participating in a writing workshop. This course may be repeated once for additional credit. **Prerequisite:** WRI 102.

WRI 321 Preparation of Written and Oral Reports (3) provides the opportunity for students to develop their creative talents by participating in a writing workshop. This course may be repeated once for additional credit. **Prerequisite:** WRI 102.

WRI 424 Creative Writing Non-Fiction (3) explores a number of creative nonfiction forms, including personal essay, biography and autobiography, criticism, and creative analysis. Students will write several short essays and one long essay, and discuss the work of outside authors and fellow students in a workshop format. **Prerequisite:** WRI 320.
WRI 492 Independent Study in Writing (1-6) provides an opportunity for the student to work independently on a writing project with the tutorial assistance of a member of the writing faculty.

Prerequisites: CGPA of 2.0 or higher and Junior/Senior standing.
AUN FACULTY

Adams, Victoria F. (2014)
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Agboola, Bolade (2011)
Assistant Professor of Petroleum Chemistry, B.S., M.S., University of Ibadan; Ph.D., Rhodes University, USA.

Ajayi, Osho O. (2008)
Assistant Professor of Mathematics & Statistics, B.S, MS., University of Ibadan; Ph.D. University of Glasgow, Scotland.

Ajibesin, Abel (2008)
Assistant Professor of Computer Science and Electrical Engineering, NCE, St. Andrews College of Education; B.S., Ogun State University; M.Sc., University of Cape Town; Ph.D., University of Stellenbosch / African Institute for Mathematical Sciences, South Africa.

Akanno, Samuel N. (2011)
Assistant Professor of Accounting and Business Law, BS., MS., California State University, Los Angeles; Ph.D. (IV), JD (Corporate Law), Atlanta's John Marshall Law School, Georgia, USA.

Akpan, Emilienne Idorenyin (2010)
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Alzouma, Gado (2006)
Professor of Sociology and Anthropology, B.A. (Licence), M.A. (Maitrise), University of Bordeaux II, France; Ph.D., Southern Illinois University, USA.

Anadozie, Chioma (2006)
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Barkley, Daniel (2011)
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Biyasa, Abraham (2012)
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Burt, Martin, (2013)  
*Visiting Instructor of Entrepreneurship*, B.A., Public Administration, University of the Pacific; M.Sc Technology & Public Policy, George Washington University, USA.; Ph.D. Development Economics and International Development, Tulane University Law School, USA.

Che, Ferdinand  (2013)  
*Interim Associate Dean *, School of Business and Entrepreneurship; *Assistant Professor, Information Systems, Entrepreneurship, and Management Science*, B.Sc. Electronics Engineering with Medical Electronics, University of Kent at Canterbury, UK.; M.Sc. Diagnostic Imaging, Oxford University, UK.; M.B.A., Tuck School of Business at Dartmouth, NH, USA; Ph.D. Image Analysis and Computer Vision, University of Kent at, Canterbury, UK.

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Dodo, Fardeen  (2013)  

Egunsola, Olubola K.  (2010)  
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Eke, Ikechukwu  (2014)  
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Ensign, Margee M.  (2010)  
*President of AUN and Professor,* B.A. Peace Studies and International Relations, New College; M.A. Political Science; Ph.D. International Politics and Economics, University of Maryland, USA

Fay, Patrick  (2014)  

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*Assistant Professor of Mathematics,* B.A., Mathematics, Maîtrise University of Yaoundé, Cameroon; M.A., Mathematics, University of Cape Town, South Africa; Ph.D., Mathematics, University of Texas, USA.

Fonkam, Mathias  (2006)  
*Dean, School of Information Technology and Computing, and Associate Professor of Computing,* B.Sc., Computer Systems; M.Sc., Systems Engineering; Ph.D., Computer Science, Cardiff University, Wales.

Francis, Sicy  (2011)  
*Adjunct Instructor of Economics,* B.A., Economics, University of Kerala, India; B.Ed., Devi Ahilya
University, Indore, India; LL.B., University of Kerala, India; PGD, Psychology and Counseling, University of Kerala, India; M.A., Economics, University of Kerala, India.

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*Assistant Professor of International and Comparative Politics*, B.A., University of Maryland- College Park, USA; M.A. University of London, England; Graduate Diploma in German Language and Culture, Karl Marx University of Leipzig, Germany.

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Leonard, John (2011)  
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STUDENT CODE OF CONDUCT
&
ACADEMIC INTEGRITY CODE

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STUDENT CODE OF CONDUCT

Preamble
The central commitment of the American University of Nigeria (AUN) is to develop thoughtful and responsible human beings with the highest moral and ethical standards, within the context of a very diverse yet collaborative academic environment. This commitment is founded on the following core values of the University: Tolerance and understanding among national, ethnic, and religious groups; Freedom of Expression; Non-discrimination in the admission and employment processes with regard to gender, age, religion, nationality, ethnicity, physical ability, political affiliation, or personal relationships. Excellence and integrity are the core principles that guide us.

This Student Code of Conduct is designed to benefit and assist the AUN community in forming the highest standards of ethics and morals among its members. It is designed to foster the University's commitment to excellence and equity, while affirming the shared values that make community life possible. Students with alleged violations of the Student Conduct Code should contact the Office of the Dean of Students to receive further information on disciplinary procedures.

I. Authority for Student Discipline
Ultimate authority for all University policies is vested in the Board of Trustees of the American University of Nigeria. Nonacademic disciplinary authority has been delegated by the President to the Dean of Students to implement student conduct policies and take all necessary and appropriate action(s) to protect the safety and well-being of all members of the American University of Nigeria community.

In practice, the resolution of nonacademic disciplinary cases may involve an array of the University administrators, committees of students, staff, and faculty. Students are expected to assume positions of responsibility in the University judicial system in order to contribute their skills and insights to the resolution of disciplinary cases. The University reserves the right to amend this Student Conduct Code at any time according to the established procedures.

II. Responsibilities and Rights
A. Every student has a duty to understand and abide by the rules and regulations of the University. Ignorance of a rule or regulation will not be an acceptable defense. Students accused of disciplinary violations are entitled to the following procedural protections:

1. To be informed of the charges against them;
2. To request an informal resolution of the case;
3. To be allowed reasonable time to prepare a defense;
4. To hear and respond to evidence upon which a charge is based;
5. To call relevant witnesses and question the witnesses who testify in Code violation proceedings;
6. To be assured of confidentiality according to the terms of the University policy on confidentiality;
7. To request that any person conducting a disciplinary conference, or serving as a Conduct Council member or Hearing Administrator, be disqualified on the grounds of personal bias;
8. To be provided with an opportunity to review these rights before any disciplinary conference or hearing;
9. To be considered not responsible for the charges until found responsible by a preponderance of evidence; and
10. To have reasonable access to the case file prior to and during the disciplinary conference or hearing.
III. Jurisdiction

The Student Code of Conduct is the University's policy for nonacademic conduct offenses and applies to all students, student groups, and student organizations at AUN.

The University retains jurisdiction over alleged infractions that occur during a student’s matriculation or attendance at the University, including Fall, Spring, and Summer breaks and periods of leave of absence from the University. Therefore, a hearing may be scheduled after a student has completed a program, withdrawn, or graduated from the University.

Generally, the University will take disciplinary action for on-campus infractions of the Code. However, the University may take disciplinary action for off-campus infractions of the Code, when a student's behavior threatens or endangers the safety and well-being of the University community; when a student is the subject of a violation of local, state, or federal law; or when, in the judgment of the University officials, a student's alleged misconduct has a negative effect on the University's pursuit of its mission or on the well being of the greater community.

IV. Violations of Laws and Regulations of the University

Students may be accountable both to civil authorities and to the University for acts that constitute violations of law and of this Code. The University reserves the right to initiate disciplinary proceedings where the conduct of the student is unbecoming of a fit and proper person worthy of the University's degree recommendation.

V. Definitions

A. “Aggravated violation” — a violation that resulted, or could have resulted, in significant damage to persons or property or which otherwise posed a substantial threat to the stability and continuance of normal University, or University-sponsored, activities.

B. “Consent” — words, or acts of conduct, indicating a freely given agreement to have sexual intercourse or to participate in sexual activities. Sexual contact will be considered without consent, if no clear consent, verbal or nonverbal, is given; if inflicted through force, threat of force, or coercion; or if inflicted upon a person who is unconscious or who otherwise reasonably appears to be without the mental or physical capacity to consent.

C. “Disciplinary Conference” — a forum in which a hearing officer meets with a student to adjudicate an alleged violation of the Code.

D. “Disciplinary Hearing” — a forum in which a panel of the Conduct Council meets with a student to adjudicate an alleged violation of the Code.

E. “Disorderly” — conduct which a reasonable person under similar circumstances should be expected to know would disturb the peace.

F. “Group” — persons who are associated with each other, but who have not complied with University requirements for recognition as an organization.
G. "Harassment— a form of discrimination consisting of physical or verbal behavior that:

(i) is directed at an individual because of the individual's age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation, gender identity or other status; and

(ii) is sufficiently severe or pervasive so as to substantially interfere with the individual's employment, education or access to University programs, activities and opportunities.

H. "Hearing Administrator" – a staff member who conducts disciplinary hearings as set forth in section XV of this Code.

I. "Hearing Officer" — a staff member who conducts disciplinary conferences as set forth in Sections XIV of this Code.

J. "Jurisdiction" - the ability to hear and decide a case.

K. "Institution" and "University"— American University of Nigeria and all of its undergraduate and graduate departments and programs.

L. "Organization"—an association of persons that has met University requirements for formal recognition.

M. "Preponderance of evidence"—a measure of proof that a reasonable person would accept as more likely than not that a fact is true or an incident occurred.

N. "Sexual violence"—any act of sexual intercourse or sexual penetration of any orifice of the body with a body part or other object that takes place against a person's will or without consent or that is accompanied by coercion or the threat of bodily harm. [Also see -consent]                

O. "Reckless"—conduct which a reasonable person under similar circumstances should be expected to know would create a substantial risk of harm to person(s) or property or which would otherwise be likely to result in interference with normal University or University sponsored activities.

P. "Relevant"—related to the charges at hand. Relevant information may be excluded by a hearing officer or administrator during a disciplinary conference or hearing if it is unfairly prejudicial.

Q. "Sexual harassment"—unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when: submission to such conduct is made explicitly or implicitly a term or condition of a person's employment or academic advancement; submission to or rejection of such conduct by a person is used as the basis for employment decisions or academic decisions affecting such a person; or such conduct has the purpose or effect of unreasonably interfering with a person's work or academic performance or creating an intimidating, hostile, or offensive working or academic environment. [Also see Sexual Discrimination and Harassment Policy]
R. “Stalking”—repeated and unwanted contact directed at any person, including contact by electronic means or by proxy, or the credible threat of repeated contact with the intent to place a reasonable person in fear for his or her safety or the safety of his or her family or close acquaintances.

S. “University Premises”—buildings and grounds owned, leased, operated, controlled, or supervised by the University.

T. “University Sponsored Activity”—any activity, on or off University premises, that is specifically initiated or supervised by the University.

U. “Weapon”—firearms, fireworks, explosives, metal knuckles, knives, or any other instrument designed, used or intended to be used to inflict injury to person or property.

V. “No Contest”—where the respondent neither admits nor disputes charges. Serving as an alternative to pleading guilty or not guilty.

VI. Prohibited Conduct

This Code is not written with the specificity of a criminal statute, nor is it intended to cover every instance of potentially prohibited conduct. American University of Nigeria expects its students, wherever they are, to adhere to high standards of honor and good citizenship and to conduct themselves in a responsible manner that brings credit to themselves and the University.

Attempting to commit; aiding, abetting or inciting others to engage in any prohibited conduct is punishable under this Code and may be considered as serious as engaging in the violation itself. Retaliating against anyone who reports an alleged violation of the Code, a witness or participant in any Code proceeding or investigation is also prohibited.

The following misconduct is subject to disciplinary action:

A. Physical Abuse/Endangerment of a Person: Includes but is not limited to physical assault causing bodily injury or harm, conduct which threatens or endangers the health or safety of any person(s), facilitating or participating in any mental or physical activity that creates a reasonable apprehension of harm.

B. Sexual Misconduct: Prostitution, engaging in lewd or indecent conduct and all forms of nonconsensual sexual activity including sexual violence; and sexual abuse such as unwanted sexual touching or fondling.

C. Harassment or Stalking: See “Definitions” section above.

D. Weapons: Using, possessing, distributing or manufacturing a material or device offensive or likely to be used to cause injury to another. No person shall possess, use or carry any weapon, ammunition or explosive unless specifically authorized by the University.

E. Safety Hazards: Unless explicitly authorized by the University any possession, use, carrying, manufacturing and/or distribution of fireworks on University property is forbidden. Tampering/interfering with fire or other safety equipment or setting unauthorized fires is also prohibited.

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F. Property Offences: Stealing of property or services; knowingly possessing stolen property; willful or reckless destruction or defacement of property of the University or members of the University community;

G. Unauthorized Entry or Use: Entry, attempt to enter, or remaining without authority or permission in any University office, residence hall room, University sponsored event, or University premises; unauthorized use/abuse of University computer equipment, networks, systems, services, corporate name, logo, or symbols.

H. Alcohol/Drugs/Substance Abuse. Violation of University policies pertaining to substance abuse, use, possession, manufacturing, sale or distribution of any controlled substance, alcohol, illegal drug and/or illegal drug paraphernalia. It is also a violation for a student to be in the presence of any person(s) engaging in substance abuse, use of illegal drugs or alcohol on University premises contrary to established policies.

I. Providing False Information: Knowingly providing false statements about a Code violation or during a University investigation/proceeding; intentionally providing or causing to be initiated any false report, warning, or threat of fire, explosion, or other emergency.

J. Fraud/Forgery: In University matters not covered by the Academic Integrity Code – dishonesty; misrepresentation; fraud; forgery; or knowingly using false information, documents, or instruments of identification. This includes but is not limited to falsifying residence hall contracts, stealing another's identity, forging a permit and misuse of official forms and meal tickets.

K. Disrupting University Activities: Intentionally or recklessly interfering with normal University or University sponsored activities, including but not limited to studying, teaching (including class sessions or office hours), research, University administration; or fire, police, or emergency services.

L. Unruly Conduct: Disorderly conduct including participating in a riot or interfering with the rights of others.

M. Failure to Comply: Willfully failing to comply with the directions of University officials, including public safety personnel or housing staff members who act in performance of their duties; violating the terms of any disciplinary sanction imposed in accordance with this Code.

N. Violations of University Regulations: Violation of other published nonacademic University regulations or policies including but not limited to gambling or gaming unbecoming of a University student; policies related to discrimination and discriminatory harassment, computer use, the residence halls, hazing, bullying, unauthorized use of vehicles, littering, and amplification of sound.

O. Violations of Law: Violation of local, state, or federal law that substantially affects the University's mission or interest.

VII. Standards of Classroom Behavior
Primary responsibility for managing the classroom environment rests with the faculty. Students who engage in any prohibited or unlawful acts that result in disruption of a class may be directed by the faculty member to leave the class for the remainder of the class period. Longer suspensions from class or dismissal on disciplinary grounds for prohibited conduct under section VI of this Code may include
interim suspension, as set forth in Section IX. All other violations under section VI of this Code must be preceded by a disciplinary conference or hearing, as set forth in Sections XIV and XV of this Code.

Academic dishonesty allegations are processed in accordance with procedures set forth in the Academic Integrity Code. Students will be subject to both the Student Code of Conduct and the Academic Integrity Code in cases where there is a combination of alleged violations of academic and nonacademic regulations.

VIII. Student Groups and Organizations
Student groups and organizations may be charged with violations of this Code, as described below:

A. A student group or organization and its officers or members may be held collectively and individually responsible when violations of this Code by those associated with the group or organization have received the consent or encouragement of the group or organization or of the group's or organization's leaders or officers.

B. The officers or leaders or any identifiable spokesperson for a student group or organization may be ordered by the Dean of Students to take appropriate action designed to prevent or end violations of this Code by the group or organization. Failure to make reasonable efforts to comply with the Dean's order shall be considered a violation of this Code, both by the officers, leaders, or spokespersons for the group or organization and by the group or organization itself.

C. Sanctions for group or organization misconduct may include revocation or denial of registration or recognition, as well as other appropriate sanctions.

D. Student organizations, may appoint panels or boards to mediate disputes and enforce association bylaws. Decisions or recommendations by such panels or boards do not constitute official action by the University.

IX. Interim Suspension
The Dean of Students or his/her designee may suspend a student from the University for an interim period pending disciplinary or criminal proceedings or medical evaluation regarding the behavior relevant to such proceedings. The interim suspension will be effective immediately without prior notice whenever there is evidence that continued presence of the student at the University poses a substantial and immediate threat to him or herself, to others, or to the stability and continuance of normal University functions. Interim suspension excludes students from University premises and other privileges or activities. A student suspended on an interim basis will be given a prompt opportunity to appear personally before the Dean of Students or designee in order to discuss the following issues

only: (a) the reliability of the information concerning the student's conduct, including the matter of identity; (b) whether the conduct and surrounding circumstances reasonably indicate that the continued presence of the student on University premises poses a substantial and immediate threat to him or herself, to others, or to the stability and continuance of normal University functions.

X. Conduct Council
The Conduct Council will consist of students, faculty, and staff: students to be chosen by the Student Government Association; faculty to be chosen by the Faculty Senate, and staff to be chosen by the
Residence Hall Association or staff council. In addition, students, faculty, and staff may apply to become members of the Conduct Council by contacting their respective constituent units. The Dean of Students or his/her designee is responsible for training and providing administrative support to the Council. Among other duties, members of the Conduct Council will sit on hearing panels designed to resolve allegations referred for a hearing in accordance with Section XV of this Code.

A. The Conduct Council shall comprise of five (5) persons: two (2) students, two (2) faculty members, and one (1) staff member.

B. At the request of the Dean of Students or his/her designee, an ad hoc hearing panel of the Conduct Council may be established (selected from the existing Conduct Council or bona fide members of the AUN community) whenever a five-person hearing panel cannot be constituted, or is otherwise unable to hear a case. An ad hoc Conduct Council hearing panel will be composed of a minimum of three persons: one (1) faculty member, one (1) student member, and one (1) staff member of the Conduct Council (or bona fide members of the AUN community.)

C. The Conduct Council, or its ad hoc equivalent, shall have the power to render a decision by a simple majority, and the Chair or the Hearing Administrator, following reasonable deliberations, shall, on behalf of the panel, pronounce appropriate sanctions (sentence) as prescribed, or set forth in the —Offences and Sanctions Guidelines

D. Members of the Conduct Council who are charged with any violation of this Code, other University policies, or a criminal offense may be temporarily suspended from their positions by the Dean of Students while charges against them are pending. Members found responsible for any such violation or offense may be disqualified from any further participation in the University discipline system. Additional grounds and procedures for removal may be established by the Dean of Students.

XI. Advisors
At their own discretion, complainants and respondents may be advised by an AUN student, faculty, or staff member. The role of advisors is limited to consultation. While advisors may be present at disciplinary conferences or hearings, they may not address hearing bodies, speak in disciplinary proceedings, or question witnesses. Because the purpose of this disciplinary process is to provide a fair review of alleged violations of this Code rather than a formal legal proceeding, participation of persons acting as legal counsel is not permitted

XII. Standards of Due Process
Students who may be subject to dismissal, suspension, or removal from the University housing will be referred to the Director of Judicial Affairs. The Director, in consultation with the Dean of Students, may determine the case at first instance or refer it to a disciplinary hearing, as specified in Section XV of this Code. Students who may be subject to lesser sanctions for nonacademic misconduct will be referred to a disciplinary conference, as set forth in Section XIV of this Code. Formal rules of evidence will not be applied, nor will deviations from prescribed procedures necessarily invalidate a decision, unless significant prejudice to a student respondent or the University may result.

XIII. Procedures for Case Resolution
A. Mediation is encouraged as an alternative means to resolve some disciplinary cases. The Dean of Students will determine if mediation is appropriate. The Dean, at his or her discretion, may decline to
process a complaint until the parties in a nonacademic misconduct case make a reasonable attempt to achieve a mediated settlement. To be binding in a disciplinary case, any mediated settlement must be approved by the Dean of Students. If mediation fails, the case will be forwarded for a disciplinary conference.

B. Any AUN student, faculty, or staff member may refer a student, student group, or organization suspected of violating this Code to the Director of Judicial Affairs. Those referring cases are normally expected to serve as the complainant and to present relevant evidence in hearings or disciplinary conferences. The complainant may request the assistance of an advisor, as set forth in Section XI of this Code. A written complaint must be filed with the Director of Judicial Affairs within 15 days (excluding weekends, official University holidays, Fall and Spring breaks) of the occurrence or discovery of the alleged infraction(s). Complainants filing cases after the 15-day filing period may request in writing an extension of the filing period from the Director of Judicial Affairs. Requests for waivers of the filing period may be made up to one major semester (Fall or Spring) after the date of discovery of the alleged incident. In such cases, the Director will evaluate whether a reasonable person might be justified in filing after the 15-day period due to the nature of the charges alleged. The deadline for filing a case will also be extended if there is an alleged violation of the University's discrimination and discriminatory harassment policy, sexual discrimination and harassment policy, whistleblower policy, or a Conduct Code violation involving rape, sexual assault, or stalking. In such cases, the complainant will have one semester from the date of discovery within which to file a complaint as set forth in this Student Code of Conduct.

C. The Director of Judicial Affairs will conduct a preliminary review to determine whether the alleged misconduct, if proved, might result in dismissal, suspension, or removal from University housing. Students, who may be subject to removal from University housing, suspension, or dismissal, will have their case determined by the Director of Judicial Affairs who will then make recommendation to the Dean of Students, unless the Director refers the case to a Conduct Council panel. Students who are unlikely to be subject to removal from University housing, suspension, or dismissal will be referred to a disciplinary conference or a disciplinary hearing with a hearing officer (either the Director of Judicial Affairs or his/her designee), as set forth in Section XIV of this Code.

D. Students referred for a disciplinary hearing by the Director of Judicial Affairs may elect to have their cases resolved in a disciplinary conference in accordance with Section XIV of this Code. Such an election must be in writing, affirming that the student is aware a hearing is being waived. The full range of sanctions may be imposed, including removal from the University housing, suspension, or dismissal from the University. Both the findings and the sanctions determined by the hearing officer will be regarded as recommendations to the President or his/her designee in the case of removal from University housing, suspension, or dismissal.

E. Hearing panel members, complainants, and respondents will have the right to question relevant witnesses who testify at disciplinary hearings.

F. The University may withhold awarding a diploma or degree otherwise earned until the completion of the process as set forth in this Code, including the completion of all sanctions imposed, if any. Withholding of a diploma or degree means the withholding of a diploma or degree otherwise earned for a defined period of time or until the completion of assigned sanctions.
XIV. Procedures for Disciplinary Conferences (Minor offences)
Students accused of nonacademic offenses that will likely result in penalties less than removal from the University housing, suspension, or dismissal could be subject to a disciplinary conference with a hearing officer. The Director of Judicial Affairs or designee will serve as the hearing officer and conduct the disciplinary conference. Any party may challenge a hearing officer on the ground of personal bias. The hearing officer may be disqualified by the Dean of Students.

The hearing officer will make inquiries into evidence if necessary to ensure a just outcome of the case. Respondents who fail to appear after proper notice will be deemed to have pled no contest to the charges pending against them. Nonetheless, the complainant will be required to file a case that meets the standard of a preponderance of evidence.

In complex cases, the Director of Judicial Affairs, at his or her discretion, may refer the case to a disciplinary conference board. Such Conference board members, as opposed to the Conduct Council, will be selected by the Dean of Students. The board will consist of one hearing officer and two Conduct Council members, including at least one student.

Decisions of the disciplinary conference board are determined by majority vote and are final. The Dean of Students will review all disciplinary conference decisions to ensure their procedural integrity and consistency with the outcomes of prior disciplinary cases. In cases of minor violations where the Dean of Students serves as the hearing officer, the President or his/her designee will conduct the review.

The following procedural protections are provided to respondents in disciplinary conferences:

A. written notice of the specific charges at least three business days prior to the scheduled conference with additional time at the discretion of the Director of Judicial Affairs;

B. reasonable access to the case file prior to and during the conference;
C. an opportunity to respond to the evidence;
D. a right to be accompanied by an advisor, as provided in Section XI of this Code

XV. Procedures for Disciplinary Hearings (Major offences)
The Director of Judicial Affairs will consult the Dean of Students before deciding any disciplinary hearing case or referring such case to a Conduct Council panel.

In cases before the Conduct Council:
A. The Dean of Students or designee may participate in hearing panel deliberations and discussions of the Conduct Council but cannot vote. The Council Chair is responsible for final decisions on all procedural issues and may modify hearing procedures, if necessary, to ensure a fair and expedient administration of the hearing.

B. The Director of Judicial Affairs shall serve respondents notice of the hearing date and the specific charges against them at least five business days in advance of the hearing. Respondents will be accorded reasonable access to the case file, which will be retained in the office of the Director of Judicial Affairs.
C. Respondents who fail to appear after proper notice will be deemed to have pled no contest to the charges pending against them. Nonetheless, the complainant will be required to present a case that meets the standard of a preponderance of evidence.

D. All hearings are closed to the public.

E. The hearing administrator will exercise control over the proceedings to avoid needless consumption of time and to achieve orderly completion of the hearing. Any person -including the respondent- who disrupts a hearing may be excluded by the hearing administrator.

F. The University will make audio recordings of hearings. A transcript of the hearing will be provided, upon written request by the respondent, who must pay for the cost of the transcript service.

G. Any party may challenge a panel member or the hearing administrator on the grounds of personal bias. Hearing panel members may be disqualified by the hearing administrator. A hearing administrator may be disqualified by a majority vote of the members of the hearing panel. Votes will be taken by secret ballot.

H. Witnesses will be asked to affirm that their testimony is truthful and may be subject to charges of violating this Code by intentionally providing false information to the University.

I. Witnesses, other than the complainant and the respondent, will be excluded from the hearing except when providing testimony to the hearing panel. All parties, the witnesses, and the public will be excluded during panel deliberations, which will not be recorded or transcribed.

J. The charges against the respondent must be established by a preponderance of evidence.

K. Formal rules of evidence will not be applicable in disciplinary proceedings conducted pursuant to this Code. The hearing administrator will abide by the rules of confidentiality and privilege, but will admit all other matters into evidence which are relevant. The respondent may challenge the relevance of evidence. Irrelevant or unduly repetitious evidence may be excluded by the hearing administrator.

L. Complainants and respondents will be accorded an opportunity to ask relevant questions of witnesses who testify at the hearing.

M. Affidavits will be admitted into evidence only if signed by the affiant and witnessed by the Dean of Students or his/her designee.

N. A determination of responsibility will be followed by a supplemental proceeding in which either party may submit relevant evidence or make relevant statements concerning the appropriate sanction to be imposed. The past disciplinary record of the respondent will be supplied to the panel only during the supplementary proceeding.
O. Any determination of responsibility by majority vote of the hearing panel will be supported by written findings, which will be placed in the case file and made available to the student respondent before a final decision is rendered by the Dean of Students.

P. All members of the conduct council are bound by confidentiality before hearings and after the proceedings.
XVI. Sanctions

Significant mitigating or aggravating factors will be considered when sanctions are imposed, including the present demeanor and past disciplinary record of the offender, the nature of the offense, and the severity of any damage, injury, or harm resulting from it. Repeated or aggravated violations of any part of this Code may also result in relocation or removal from University housing, suspension, or dismissal. Sanctions which may be imposed in accordance with this Code include, but are not limited to:

A. “Apology Letter” — a written admission of guilt requesting forgiveness from the complainant or offended party. A copy of the letter will be kept in the case file.

B. “Warning” — notice, oral or written, that continuation or repetition of prohibited conduct may be cause for additional disciplinary action.

C. “Censure” — a written reprimand for violation of specified regulations, including a warning that continuation or repetition of prohibited conduct may be cause for additional disciplinary action.

D. “Alcohol/Drug/Substance Abuse Education Program” — requirement to complete a University or University approved education program on alcohol/drug/substance abuse. Students sanctioned under this heading will be required to pay for all attendant costs.

E. “Disciplinary Probation” — status assigned for a designated period of time, during which any other violation of the Code may result in removal from University housing, suspension, or dismissal from the University. Students on disciplinary probation may not hold or run for any elected or appointed positions. Additional conditions appropriate to the violation may be imposed.

F. “Restitution” — repayment of the direct cost to the University for damages resulting from a violation of this Code.

G. “Relocation in University Housing” — administrative reassignment to a different residence hall and/or room.

H. “Removal from University Housing” — denial of housing privileges.

I. “Suspension” — exclusion from University premises and other privileges or activities for a specified period as set forth in the suspension notice. This action will be permanently recorded on the student's academic transcript.

J. “Expulsion” — permanent termination of student status and exclusion from University premises, privileges, and activities. This action will be permanently recorded on the student's academic transcript.

K. “Revocation of Degree” — rescinding a student's degree awarded by the University.

L. “Other Sanctions” — other sanctions may be imposed instead of or in addition to those specified in sections (A) through (K) of this section. Service or research projects may be assigned.
Sanctions by the code of conduct council are to be considered as recommendations to the Dean of Students and are not final.

**XVII. Appeals**
First instance disciplinary hearing decisions of the Conduct Council are appealable to the appeal board while disciplinary conference decisions are to the Dean of Students. All appeals shall be in keeping with the following provisions:

A. The appeals to the appeal board/panel must be in writing and delivered to judicial affairs to be processed for the appeal board’s hearing within seven business days after the notice of removal from the University housing, suspension, or dismissal is delivered to the address on record for the student in the Office of the Registrar.

B. Appeals will be reviewed by an appellate board of the Conduct Council to determine their viability. The appellate board will consist of one student, one faculty member, and one staff member selected from the Conduct Council. In appeal cases from Conduct Council decisions the appellate panel will be constituted of members who did not serve on the original hearing panel. The appellate board will meet as soon as possible after the appeal is received.

C. The appellate panel will determine viability based on whether there is new information that significantly alters the finding of fact, evidence of prejudicial deprivation of rights or improper procedure, or excessive sanctions. Only when deemed viable will the appeal be forwarded to the Conduct Council or the Dean of Students, as the case may be, for review. Decisions of the appellate board about the viability of the appeal are determined by majority vote and are final.

D. The appellate panel may deny the request for appeal and affirm the original findings or grant the request for appeal and forward its recommendations to the Dean of Students or his/her designee.

Appeals are not meant to provide a second hearing of the case. All appeals will be decided based on the report filed by the hearing officer and the appellate board, the respondent's written statement, and any written response or memoranda prepared by University officials. All written materials considered by the appellate board and the Dean of Students or his/her designee will be subject to inspection by the respondent. The respondent may request an opportunity to discuss the written materials in person with the Dean or his/her designee. Appeal decisions rendered by the Conduct Council or the Dean of Students or his/her designee are final.

F. The following standards will apply when appeals are deemed viable:
1. Sanctions may be reduced only if found to be substantially disproportionate to the offense.

2. Cases may be remanded for rehearing only if:

   (a) The rights deprived, specified procedural errors or errors in interpretation of the University regulations were so substantial as to deny the student a fair hearing; or

   (b) New and significant evidence becomes available that could not have been discovered by a properly diligent student before or during the original hearing.
G. The imposition of sanctions will be deferred while an appeal is pending, unless, in the discretion of the Dean of Students or his/her designee, the continued presence of the student in the residence halls or on the campus poses a substantial threat to him or herself, to others, or to the stability and continuance of normal University functions.

XVIII. Disciplinary Records

Except as noted below, disciplinary records are maintained by Office of the Dean of Students for seven years from the date of the letter providing notice of final disciplinary action. Records for a student who is suspended, dismissed, or who withdraws with a disciplinary case pending are maintained indefinitely.
ANNEX 1: Residence Halls Regulations

These are implementing regulations, based on AUN's Student Conduct Code, and are incorporated as an addendum to that document. Violations of these regulations may result in referral to Dorm council for reviews and appropriate action and to the Dean of Students for approval and sanctions. The residence halls include the halls and any areas contiguous to the halls. Engaging in prohibited conduct may be a violation of both the Student Conduct Code and the residence hall regulations.

Responsibility for Damage
Residents will be held responsible for damage to residence hall buildings or furniture and will be billed for repair or replacement where they have caused damage in their own rooms or in common areas. In the event of willful damage to the common areas located in the immediate vicinity of a student's room, or to the furnishings or facilities located therein, if the willful perpetrators of such damage cannot be identified, all resident students served by that common area may be assessed for repair or replacement costs.

Responsibility for Guests
Residents will be held responsible for the behavior of their guests and any other persons in their residence hall rooms, pertaining to the regulations for conduct at AUN, and may be charged in lieu of the guest or visitor with violating the respective sections of these policies.

The following conduct is expressly prohibited: I. Related to Residence Hall Security
1. To enter any residence hall without showing proper access identification to a housing staff member, or upon the request of a staff member.
2. For any visitor not escorted by a resident of that hall to fail to leave the building upon the request of any housing or University staff member.
3. For any visitor to pass the front desk and enter the building without an escort by either a resident of that hall, or a housing or University staff member.
4. To escort or permit entrance to any nonresident of a residence hall who is not known to the student or for whom the student does not assume responsibility as a guest.
5. To prop open outside doors or exit ways without the permission of a housing staff member.
6. To use any marked fire exit except during a fire alarm.
7. To block any fire door or fire exit.
9. To duplicate any room key or access card.
10. To fail to return a spare key within 10 minutes of signing it out at the front desk.
11. To fail to return room keys upon vacating a room.
12. To go behind the reception desk in any residence hall without authorization from the resident director.
13. To enter or exit the residence hall through a window when no emergency is present.
14. To enter restricted areas including, but not limited to, building roofs.

II. Related to Fire Codes
1. To set any fire within the buildings or areas contiguous to the buildings.
2. To use any halogen lamp, broiler oven, electric coffee maker, popcorn popper, microwave oven, hotplate, open burner, or electric water heating device in student rooms, on carpeted floors, in hallways, or other non-designated areas.
3. To cook indoors with charcoal or any open flame device.
4. To possess or burn any candle or incense indoors.
5. To keep any refrigerator with an electrical requirement exceeding seven (7) amps or its equivalent.
6. To fail to immediately evacuate the buildings properly when a fire alarm has sounded or to reenter any building during a fire alarm before receiving permission from a housing or Office of Security staff member.
7. To tamper with fire equipment, or to carry or remove fire extinguishers from their mounts or storage boxes except in case of a fire.
8. To pull or activate any fire alarm when no fire is present, or to falsely report any fire or other emergency.
9. To use electrical lights and appliances totaling more than 850 watts in a student room at any one time.
10. To disconnect, sound, or otherwise tamper with any smoke detector.
11. To run electrical wires beneath any rug or carpet.
12. To smoke anywhere other than in areas where smoking is permitted. Smoking is prohibited in all public areas.

III. Related to Property
1. To remove furniture from any common area without authorization of housing staff.
2. To keep any unauthorized student furniture designated for other areas in student rooms.
3. To keep waterbeds in student rooms.
4. To keep any pet, except fish, in student rooms
5. To remove any wall-mounted furniture.
6. To mark or deface any surface (e.g., door, wall, carpet).
7. To mark, deface, steal, harbor, or damage any property belonging to the University, any hall, resident, or commercial vendor (such as vending machines, video games, washing machines, dryers, or telephone equipment).

IV. Other Prohibited Conduct.
1. To engage in any disorderly conduct or to interfere with the rights of other students in their academic pursuits. This specifically and especially pertains to other residents’ rights to an environment conducive to study and to sleep.
2. To engage in sports activity within the residence halls.
3. To engage in sports activity or to create excessive noise within 50 feet of any residence hall.
4. To shout or to otherwise create disturbances from any residence hall window or entrance.
5. To create excessive noise by any means. This will include playing loudspeakers through room windows at any time and noise audible outside a student room or in public areas, especially, but not limited to after 11 p.m. Sunday through Thursday, or past 1 a.m. on weekends. These times are considered quiet hours.
6. To drop or throw any object or any liquid from windows.
7. To keep dangerous materials, including but not limited to, firearms, air or CO2-powered weapons, fireworks, and dangerous weapons.
8. To sell, distribute, use, or possess any illegal drug or drug paraphernalia in the residence halls.
9. To knowingly and voluntarily be in the possession of any illegal drug(s) or drug paraphernalia in the University premises.
10. To violate University policies pertaining to the sale, distribution, use, or possession of alcohol in the residence halls.
11. To refuse to follow a directive from a housing staff member when acting in the performance of his or her duties.
12. To solicit, canvass, post, or distribute any materials within the residence halls without the approval of the resident director or to violate University or residence hall posting policies.
13. To have an overnight guest without the roommate(s)’s written consent; overnight guest(s) of the opposite sex are prohibited in segregated dorms.
14. To have a guest visit in the residence halls for longer than a one (1) day period. Repeated visits by guests over extended periods may be considered unauthorized occupancy of a room by the guest. The University reserves the right to prohibit repeated, extended visits.
15. Violations shall be handled by the Director of Judicial Affairs or his/her designee.

ANNEX 2: UNIVERSITY CODES, POLICIES, AND GUIDELINES:

Acquired Immune Deficiency Syndrome (AIDS) Policy and Guideline
It is the policy of the American University of Nigeria to provide equal treatment to (and not to discriminate against) persons who have contracted the AIDS virus or AIDS-related conditions. Further, the University policy does not allow discrimination based on the perception that a person has one of the above, or the perception that he or she is more likely than other members of the general population to contract one of the above due to his or her membership in a protected class identified as being at high risk, or due to an individual’s responsibility for a person in one of the above categories.

The University has a moral commitment to its employees and students, and intends to show compassion and understanding toward individuals with HIV, AIDS Related Complex (ARC), or AIDS. The term –HIV‖ as used in this policy refers to all three (3) preceding conditions.

Definition: The Human Immunodeficiency Virus (HIV) is a fragile virus that will live outside the human body for only a short time. The virus is transmitted through the direct exchange of body fluids. This exchange may occur during intimate sexual relations, through contaminated blood or blood products, or through the sharing of contaminated needles. No cases of AIDS have been reported from exposure through casual contact.

The following policies shall apply:
1. Students, faculty and staff with HIV will be allowed equal access to the University facilities or campus activities, including participation in academic, social, athletic, and cultural programs.

2. Students with HIV will have equal opportunity to obtain residential housing or special room assignments.

3. There will be no discrimination toward faculty and staff members with HIV in terms of employment at the University.
4. There will be no discrimination toward persons with HIV regarding admission to the University.
5. Faculty and staff members with HIV will be allowed to use sick leave and short-term and long-term disability on a basis equal to that of any person with a medical illness.

6. Confidentiality will be strictly maintained for anyone who receives testing or counseling by the Student Clinic. No information will be released to any other physician, health clinic, insurance company, or hospital without the written consent of the individual involved. Since AIDS is not spread through casual contact, the University is under no obligation to inform students or employees that a person has AIDS or a related illness.
7. The University will comply with all federal, state, and local laws and regulations protecting the confidentiality of medical and educational records. No employee or student of the University may respond to requests for release of confidential information without prior consultation with the University counsel.

8. No information concerning a diagnosis or complaint can be provided to faculty, staff, students, parents, or the media without the prior express written consent of the individual.

9. The University will offer educational and informational programs to inform the community of the realities of AIDS:

a. The AUN Student Health Clinic has responsibility to address AIDS issues for the University community.

b. Students who have tested positive for HIV and those concerned that they may be infected with HIV, are strongly encouraged to contact the Student Health Clinic. Confidential testing and counseling are provided by the Student Health Clinic. For those testing positive for HIV, personnel at the Student Health Clinic are available to discuss resources and provide assistance and referrals. Faculty and staff with HIV may also request confidential counseling from the Faculty and Staff Assistance Program. Further interpretation of these guidelines will be made on a case-by-case basis by the President or Provost or Vice-President of Finance and Treasurer in consultation with medical and the University counsel.

Amplified Sound Policy

Sound levels in the University buildings and amplification at outdoor events employing public address systems, loudspeakers, bullhorns, or musical amplifiers will be regulated by the following guidelines:

1. Sound emanating from the University buildings, residence halls, and outside facilities must not interfere with regular functioning of the University or the welfare of residential neighbors. The Department of Campus Security will respond to sound level complaints. If an unacceptable sound level persists, Campus Security will terminate the offending activity and may refer the case to the Office of the Dean of Students.

2. Amplification of sound during the University’s normal working hours (i.e. class hours, the University-scheduled study days, final exam periods, special testing sessions, special University events, or during the hours of worship or sound amplification affecting the greater campus community (i.e. amplified events outdoors) is prohibited. Exceptions may be granted in certain areas of campus from 11:00 a.m.–2:00 p.m., Monday through Friday.

Exceptions to this general guideline will be made only by special permission arranged through the Office of the Dean of Students. Special consideration will be given to any academic or administrative programs in the vicinity of a proposed event. If special permission is granted, a sound level agreement will be negotiated. Violation of the agreement will result in immediate cancellation of the event by Campus Security. The case may be referred to the Office of the Dean of Students.

3. Sound amplification for a University-sponsored event affecting the greater campus community will be permitted under the following conditions:
A. Outdoor events using amplification will be coordinated by staff of the Office of the Dean of Students who will exercise professional judgment in determining the suitability of proposed entertainment for an outdoor campus site.

B. Events employing amplified sound will conclude no later than 9:00 p.m. (11:00 p.m. on Friday and Saturday nights).

C. During the event, University staff will measure the sound level along campus boundaries.

The Department of Campus Security will respond to complaints by contacting the person in charge of the event. If the Department of Campus Security receives additional complaints, the event will be cancelled and the case may be referred to the Dean of Students.

**Computer Use and Copyright Policy**

All AUN faculty, staff, and registered students are given computing and network access privileges. Each person is assigned a computer account code (user ID or user name) that provides access to University computing resources and systems for instructional, research, and administrative purposes. Access to these resources is a privilege, not a right. Resources include networks, laboratory systems, residence hall systems, library systems, faculty and staff office systems, and software licensed by the University or its agents for use on University systems.

Because the entire AUN community relies upon these systems to use and store important and confidential data, including software and computer programs, it is morally wrong and strictly prohibited for individuals to access or attempt to access or view any account, file, and/or software for which they do not have specific authorization. Also, it is prohibited to disrupt, delay, endanger, or expose someone’s work or University operations.

Prohibited actions include, but are not limited to, the following:

- providing computer access to unauthorized persons (e.g., by loaning your account to someone else or disclosing someone's password to a third party);

- disrupting access to a computer system, network, or files (e.g., by crashing a public system; releasing viruses; attempting to learn or alter someone's password; tying up computer resources, printers or operating systems; or using computer systems for illegal activities);

- accessing or changing someone's files without permission;

- downloading or uploading unauthorized copyrighted materials;

- using e-mail or messaging services to harass or intimidate another person (e.g., by broadcasting unsolicited messages, repeatedly sending unwanted mail, or using another individual's name or user name); and the American University of Nigeria computing accounts are provided to assist in University and University-related work only. No commercial activity is permitted unless approved in advance and in writing by Information Technology.
Violations and Sanctions
Violations of this policy will be adjudicated by appropriate University processes and may result in the following sanctions:

- Temporary or permanent loss of access privileges;
- University judicial sanctions as prescribed by student, faculty, or staff behavioral codes, including dismissal or termination from the University;
- Remedial education;
- Monetary reimbursement to the University or other appropriate sources;
- Prosecution under applicable civil or criminal laws (violations of local, state and federal law may be referred to the appropriate authorities).

The University will take any action that in its sole discretion is necessary to investigate and address violations of this policy, including temporarily or permanently terminating computer use privileges pending the outcome of an investigation or a finding that this policy has been violated.

Network Security
In order to provide secure electronic communications, the University must protect the physical and logical integrity of its networks, systems, data, and software. Some potential security threats include unauthorized intrusions, malicious misuse, and inadvertent compromise.

Each account is assigned to a single individual, who is responsible for all computer usage under that account. Any attempt to circumvent or subvert system or network security measures is prohibited. In the event of alleged or detected prohibited activities, the University will pursue the owner of the account. Individual passwords should be kept secret and changed periodically to prevent unauthorized access.

Privacy
As a matter of course, University IT staff does not look into private, individual accounts and data. However, the University reserves the right to view or scan any file or software stored on University systems or transmitted over University networks. This will be done periodically to verify that software and hardware are working correctly, to look for particular kinds of data or software (such as computer viruses), or to audit the use of University resources. Policy violations discovered in this process will be acted upon.

Electronic mail and messages sent through computer networks, including the Internet, may not be confidential while in transit or on the destination computer system. Any data on University computing systems may be copied to backup devices periodically. IT will make reasonable efforts to maintain confidentiality, but individuals may wish to encrypt their data. If encryption software is used, the individual is responsible for it.

Traffic Policies
All students are required to adhere to all traffic regulations on AUN campus. These are AUN, local, state, and federal regulations.

A. Student campus driving is a privilege, not a right. As such, only documented juniors and graduating seniors have the driving privilege. Driving privilege on University grounds is limited to duly registered vehicles.
B. Authorized vehicle operators on University grounds must carry a valid driver licence and a valid AUN student ID. Any violators shall receive a written warning in the first instance. Repeat violators shall lose their driving privilege immediately and may be handed to the police for further actions.

C. Authorized vehicle operators involved in driving accidents resulting from reckless driving may, apart from losing their driving privilege, may be handed over to the police for further action.
ACADEMIC INTEGRITY CODE

Preamble

The central commitment of the American University of Nigeria (AUN) is to develop thoughtful and responsible human beings with the highest moral and ethical standards, within the context of a very diverse yet collaborative academic environment. This commitment is founded on the following core values of the University: Tolerance and understanding among national, ethnic, and religious groups; Freedom of Expression; Non-discrimination in the admission and employment processes with regard to gender, age, religion, nationality, ethnicity, physical ability, political affiliation, or personal relationships. Excellence and integrity are the core principles that guide us.

This Academic Integrity Code is designed to benefit and assist the AUN community in forming the highest standards of ethics and morals among its members. It is designed to foster the University's commitment to excellence and equity, while affirming the shared values that make community life possible. Students with alleged violations of the Academic Integrity Code should contact the Office of the Dean of their respective program to receive further information on disciplinary procedures.

I. Authority for Academic Integrity

Ultimate authority for all University policies is vested in the Board of Trustees of the American University of Nigeria. Academic disciplinary authority has been delegated by the President to the Academic Vice-President.

Primary responsibility for ensuring academic honesty rests with the faculty. In practice, the resolution of academic integrity cases may involve an array of the University administrators, committees of students, staff, and faculty. Students are expected to assume positions of responsibility in the University judicial system in order to contribute their skills and insights to the resolution of academic integrity cases. The University reserves the right to amend this Academic Integrity Code at any time according to the established procedures.

II. Responsibilities and Rights

A. Every student has a duty to understand and abide by the rules and regulations of the University. Ignorance of a rule or regulation will not be an acceptable defense. Students accused of Academic Integrity Code violations are entitled to the following procedural protections:

1. To be informed of the charges against them;
2. To request an informal resolution of the case;
3. To be allowed reasonable time to prepare a defense;
4. To hear and respond to evidence upon which a charge is based;
5. To call relevant witnesses and question the witnesses who testify in Code violation proceedings;
6. To be assured of confidentiality according to the terms of the University policy on confidentiality;
7. To request that any person conducting an integrity session, or serving as an Integrity Council member be disqualified on the grounds of personal bias;
8. To be provided with an opportunity to review these rights before any integrity session or hearing;
9. To be considered not responsible for the charges until found responsible by a preponderance of evidence; and
10. To have reasonable access to the case file prior to and during the integrity session or hearing.
III. Jurisdiction

The Academic Integrity Code (Integrity Codell) is the University's policy for academic integrity offenses and applies to all students, student groups, and student organizations at AUN.

The University retains jurisdiction over alleged infractions that occur during a student's matriculation or attendance at the University, including Fall, Spring, and Summer breaks and periods of leave of absence from the University. Therefore, a hearing may be scheduled after a student has completed a program, withdrawn, or graduated from the University.

Generally, the University's jurisdiction is invoked where the alleged violation relates to any academic endeavor administered, in whole or in part, by AUN, including but not limited to examinations, research papers, projects, internships, study abroad programs and other credit bearing activities or programs. Nothing in this section shall construe the University's jurisdiction to take action when, in the judgment of the University officials, a student's alleged misconduct has a negative effect on the University's pursuit of its mission or on the well being of the greater community.

IV. Academic Integrity Code Infractions

This Integrity Code is not written with the specificity of a criminal statute, nor is it intended to cover every instance of potentially prohibited conduct. American University of Nigeria expects its students, wherever they are, to adhere to high standards of honor and good citizenship and to conduct themselves in a responsible manner that brings credit to themselves and the University.

Attempting to commit; aiding, abetting or inciting others to engage in any prohibited conduct is punishable under this Integrity Code and may be considered as serious as engaging in the violation itself. Retaliating against anyone who reports an alleged violation of the Integrity Code, a witness or participant in any Integrity Code proceeding or investigation is also prohibited.

The following misconduct shall violate the Academic Integrity Code:

A. Plagiarism – submitting the academic work of another as one's own. Plagiarism includes but is not limited to fabricating citations, downloading from the internet, cutting and pasting information, using another's idea/words without proper attribution; and fabricating any professional source or work as one's own.

B. Copying – copying an unsuspecting person’s work or collaborative/complicit copying; unauthorized passing of answers or notes during an exam; prohibited discussion of exam questions or answers.

C. Cheating – using cheat sheets of any kind, pre-programming a device or loading prohibited material, or using text books or reference materials during a closed book examination.

D. Unauthorized Submission of Previous Work – submitting a paper, lab work or any other assignment that was previously submitted without authorization from the faculty member.

E. Altering – changing one's own or another's academic work/results in order to deceive or gain undue credit.

F. Unauthorized Exam Possession/Purchase/Distribution/Sale – any possession, purchase, delivery, distribution or sale of testing material without the faculty member's permission.

G. Passing off – Sitting in place of another to take a test or engage in any academic project or exercise
or causing another person to do so on one's behalf.

H. Facilitating Academic Dishonesty – causing, aiding or abetting academic dishonesty by another.

I. Other Academic Misconduct - this covers any other form of academic misconduct not contemplated in (A) – (H) above.

V. Procedures For Academic Dishonesty Cases Before The Faculty
A. Whenever academic dishonesty is suspected, the faculty member will conduct preliminary investigations and will, if circumstances permit, give the student an opportunity to explain the conduct forming the basis of the allegation.

B. If a preponderance of the evidence shows that the student violated this Integrity Code; the faculty member shall formally charge the student using the Academic Infraction Form. The Form will state the particulars of the charge, the evidence forming the basis of the charge and the sanction imposed. The faculty member will review the duly filled Academic Infraction Form with the student who has the option to:
   1. Accept the charge and the sanction;
   2. Accept the charge but not the sanction imposed; or
   3. Deny the charge.

C. The faculty member may allow up to 5 business days (excluding University approved holidays and weekends) for the student to sign and return the Academic Infraction Form. If there are no extenuating circumstances, a student who does not sign and return the Academic Infraction Form by the specified deadline will be deemed to have accepted each charge and sanction imposed.

D. If the student accepts the charges and the sanction the case is closed and the sanction takes effect immediately. The faculty member will notify all relevant parties including the Dean, the Registrar and the Academic Advising Department, by sending them a copy of the Academic Infraction Form.

E. Where there is a dispute as to the charges or sanction imposed, the faculty member will refer the case to the Chair of the Academic Integrity Council which shall hear the case in accordance with the procedures under Section VI below.

F. Faculty members may only impose academic sanctions for violations of the Academic Integrity Code. Cases that warrant disciplinary sanctions must be referred to the Academic Integrity Council under Section VI of the Integrity Code for final determination.

VI. The Academic Integrity Council
Any member of the AUN community may refer an alleged violation of the Integrity Code to the Academic Integrity Council (Integrity Council). The Integrity Council will consist of faculty and students: eight (8) faculty members chosen by the Faculty Senate; and two (2) students to be chosen by the Student Government Association. Once selected, members of the Academic Integrity Council will choose their Chair by a simple majority vote. The Academic Vice-President or his/her designee is responsible for training and providing administrative support to the Integrity Council. Among other duties, members of the Integrity Council will sit on integrity panel and adjudicate cases of first instance or alleged violations referred for a hearing in accordance with Section V of this Integrity Code. The Chair is the primary contact person for the Academic Integrity Council and will be responsible for general management of Integrity Council affairs including selecting members of integrity panels.
A. An integrity panel shall comprise of five (5) persons: four (4) faculty members and one (1) student. If possible, each School/College at AUN shall have at least one (1) faculty representative in the integrity panel. An Integrity Administrator shall be elected by a simple majority vote by members of the integrity panel. Whenever the Chair of the Academic Integrity Council sits on an integrity panel, he/she will serve as the Integrity Administrator. The Integrity Administrator is responsible for conducting the hearing and ensuring proper procedure is followed in the adjudication of cases before the integrity panel.

B. The Academic Vice-President or designee may establish an ad hoc integrity panel (selected from the existing Academic Integrity Council or bona fide members of the AUN community) whenever a five-person integrity panel cannot be constituted, or is otherwise unable to hear a case. An ad hoc Conduct Council hearing panel will be composed of a minimum of three persons: two (2) faculty members, and one (1) student member (or bona fide members of the AUN community).

C. The Integrity Council, or its ad hoc equivalent, shall have the power to render a decision by a simple majority, and the Integrity Administrator, following reasonable deliberations, shall, on behalf of the panel, pronounce appropriate sanctions (sentence) as prescribed, or set forth in the -Offences and Sanctions Guidelines.

D. Members of the Integrity Council who are charged with any violation of this Integrity Code, other University policies, or a criminal offense may be temporarily suspended from their positions by the Academic Vice-President while charges against them are pending. Members found responsible for any such violation or offense may be disqualified from any further participation in the University disciplinary system. The Academic Vice-President may establish additional grounds and procedures for removal.

VII. Procedures for Integrity Panel Hearings

Any person accused of an academic offense that will likely result in sanctions such as assignment of F grade, suspension or dismissal is subject to an integrity panel hearing before an Integrity Administrator. In all other cases brought by a member of the AUN community directly to the Academic Integrity Council, the Chair of the Council may, in his/her discretion, decide to constitute an integrity panel to determine the case, or he/she may decide to refer the case to the relevant faculty member for adjudication. In making this decision, the Chair shall give deference to the fact that faculty members acting in their capacity as teachers are well positioned to educate on matters of academic integrity based on the unique relationship between the faculty member and the student. Cases referred to the faculty member shall follow the procedures set forth in Section V of this Integrity Code. In cases before an integrity panel, the following procedures will apply:

A. The student shall have the right to at least five (5) business days (excluding holidays and weekends) notice of the hearing.

B. The student shall have the right to appear before the integrity panel to contest the charges and/or to provide additional relevant information.

C. The student will have the right to an advisor; to examine relevant portions of the case file; to take notes; and to confront witnesses or respond to evidence presented.

D. The student may waive his or her right to attend the hearing. In this case the integrity panel will rely on the written record, including submissions by the student, to reach a conclusion.
E. The faculty member shall have the right to appear before the integrity panel to discuss the charge. The panel shall determine the case based on a preponderance of the evidence.

G. If the panel determines that academic misconduct has occurred; the student's previous violation(s) of the Academic Integrity Code may be used in deciding the appropriate sanction only. A student's prior record will under no circumstances be used to determine guilt in a case of alleged academic dishonesty.

H. The integrity panel may:

i. Affirm the charges and academic sanction proposed by the faculty member;
ii. Impose a new/different sanction; or
iii. Dismiss the case if there is insufficient evidence to support the charge.

I. A written copy of the integrity panel's decision shall be given to the student and faculty member.

J. The results of any integrity panel hearing shall be reported by the Integrity Administrator to the Chair of the Academic Integrity Council who will, in turn, notify the Academic Vice-President, Dean, Registrar, Department of Academic Advising and other relevant parties.

VIII. Appeals

Decisions of the Academic Integrity Council are appealable by either party (faculty member or student) to the Academic Vice-President. All appeals shall be in keeping with the following provisions:

A. The appeal must be in writing and delivered to the Chair of the Academic Integrity Council within five (5) business days after the decision of the integrity panel is delivered to the address on record for the student in the Office of the Registrar.

B. Appeals will be reviewed by an appellate board of the Academic Integrity Council to determine their viability. The appellate board will consist of at least three (3) but no more than five (5) members selected by the Chair from the Academic Integrity Council. The appellate panel will be constituted of members who did not serve on the original integrity panel. The appellate board will meet as soon as possible after the appeal is received.

C. The appellate panel will determine viability based on whether there is:

i. new information that significantly alters the finding of fact;
ii. evidence of prejudicial deprivation of rights or improper procedure;
iii. Or a clear indication that the sanction(s) imposed is excessive.

Only when deemed viable will the appeal be forwarded to the Academic Vice-President or his/her designee for review. Decisions of the appellate panel about the viability of the appeal are determined by majority vote and are final.

D. The appellate panel may deny the request for appeal and affirm the original findings or grant the request for appeal and forward its recommendations to the Academic Vice-President or his/her designee.

Appeals are not meant to provide a second hearing of the case. All appeals will be decided based solely on the case record which includes but is not limited to any reports filed by the faculty member,
Integrity Administrator or appellate panel; the respondent's written statement; and any written response or memoranda prepared in the process of an academic integrity investigation or proceeding. All written materials considered by the appellate panel and the Academic Vice-President or his/her designee would be subject to inspection by the parties to the appeal. Nothing in this section shall prevent the Academic Vice-President or designee from discussing the written materials in person with the parties. Appeal decisions rendered by the Academic Vice-President or his/her designee are final.

F. The following standards will apply when appeals are deemed viable:

i. Sanctions may be reduced only if found to be substantially disproportionate to the offense. ii. Cases may be remanded for rehearing only if:

(a) The rights deprived, specified procedural errors or errors in interpretation of the University regulations were so substantial as to deny the student a fair hearing; or

(b) New and significant evidence becomes available that could not have been discovered by a properly diligent person before or during the original hearing.

G. The imposition of sanctions will be deferred while an appeal is pending, unless the Academic Vice-President or his/her designee determines that the circumstances require immediate enforcement of the sanction(s).

IX. Sanctions

Significant mitigating or aggravating factors will be considered when sanctions are imposed, including the present demeanor and past disciplinary record of the offender; and the nature and severity of the offense. Sanctions, which may be imposed in accordance with this Integrity Code include, but are not limited to:

A. “Apology Letter” — a written admission of guilt requesting forgiveness from the complainant or offended party. A copy of the letter will be kept in the case file.

B. “Warning” — notice, oral or written, that continuation or repetition of prohibited conduct may be cause for additional disciplinary action.

C. “Censure” — a written reprimand for violation of specified regulations, including a warning that continuation or repetition of prohibited conduct may be cause for additional disciplinary action.

D. “Grade Modification” — includes reduced grade in the specific assignment to reduced grade in the course, entering an _F_ (failing) grade for the specific assignment or entire course without a transcript notation of academic dishonesty.

E. “F* Grade” — assignment of an _F_ grade with a transcript notation that the failure is due to academic dishonesty. This sanction should be reserved for severe violations and can only be imposed by the Academic Integrity Council and/or the Academic Vice-President.

F. “Academic Probation” — status assigned for a designated period of time, during which the student is required to abide by specified academic conditions and failure to do so may result in more severe sanctions being imposed.
G. “Document Review and/or Reflection Paper”—the student may be required to review academic literature and write a research or reflection paper in order to compel exploration of a particular topic.

H. “Suspension”—exclusion from University premises and other privileges or activities for a specified period as set forth in the suspension notice. This action will be permanently recorded on the student’s academic transcript.

I. “Expulsion”—permanent termination of student status and exclusion from University premises, privileges, and activities. This action will be permanently recorded on the student’s academic transcript.

J. “Revocation of Degree”— rescinding a student's degree awarded by the University.

K. “Other Sanctions”—other sanctions may be imposed instead of or in addition to those specified in sections (A) through (J) of this section.

X. Record Keeping
The Office of the Registrar is responsible for central record keeping in academic integrity cases. The Registrar will only disclose such records in accordance with University regulations and policies on confidentiality and notification of third parties.
AUN SEXUAL HARASSMENT POLICY

Applicability:

This policy applies to all students, student bodies and organizations of the American University of Nigeria.

I. Introduction:
The American University of Nigeria is committed to providing students with an environment where they can pursue their studies without being sexually harassed. Sexual harassment of or by any member of the University community against a student(s) is unacceptable and will not be tolerated.

II. Purpose:
The purpose of this policy is defined as follows: unsolicited sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when: 1) submission to or rejection of such conduct is made either explicitly or implicitly a term or condition of an individual’s employment or academic work; or 2) submission to or rejection of such conduct by an individual is used as the basis for employment or academic decisions affecting such individual; or 3) such conduct has the purpose or effect of unreasonably interfering with an individual’s performance or creating an intimidating, hostile or sexually offensive working or academic environment. Examples of sexual harassment include, but are not limited to the following:

a. Repeated unwanted sexual flirtations, advances or propositions;

b. Continued or repeated verbal abuse or innuendo of a sexual nature;

c. Uninvited physical contact such as touching, hugging, patting, brushing, or pinching;

d. Verbal comments of a sexual nature about an individual’s body or sexual terms used to describe and individual;

e. Display of pictures, posters or cartoons that a reasonable person would find offensive or sexually suggestive;

f. Continued or repeated jokes, language, epithets or remarks of a sexual nature;

g. Prolonged staring or leering;

h. making obscene gestures or suggestive or insulting sounds;

i. Demand for sexual favors accompanied by an implied or overt threat concerning an individual’s employment or academic status or promises of preferential treatment;

j. Incident exposure etc.

III. Procedure:
In determining whether an alleged incident constitutes sexual harassment, the judicial affairs office will look at the totality of the circumstances, such as the nature of the sexual advances and the context in which the alleged incidents occurred. The final decision regarding a suitable penalty will be made from the finding of fact on a case-by-case basis and from any record of previous sexual harassment by the Respondent.

The University recognizes that it has a responsibility to provide a procedure for rapid and equitable resolution of all sexual harassment complaints. In many instances, resolution can be reached without the need for formal measures. The goal in all instances is to ensure that inappropriate and offensive behavior is stopped. To assist Complainants in resolving sexual harassment complaints, the University has established both informal and formal procedures, and has identified a well-trained cadre of individuals, “Complaint Handlers”, the judicial personnel as “complaint handler” who can advise parties of appropriate options and procedures. Hearing
procedure shall be conducted by the code of conduct council in its usual manner of all conduct matter but
with due diligence to the totality of the circumstances of the case at hand.

1. Informal Resolution
In some circumstances informal resolution of a complaint prior to or instead of initiating the formal process
may be more satisfactory than directly proceeding to a formal grievance. Informal resolution options include,
but are not limited to, self-help; consultation and action at the department level; or mediation through the
judicial affairs office.

2. Formal Resolution (Filing A Formal Grievance)
Complainants who are dissatisfied with or do not wish to utilize informal resolution should consult directly
with the judicial affairs office to determine the appropriateness of filing a formal grievance. Although
informal resolution attempts are not required prior to filing a formal grievance, they are nonetheless
encouraged. Any individual who chooses to file a formal sexual harassment grievance may do so immediately
following the incident giving rise to the complaint, or following efforts to reach an informal settlement.

IV. Confidentiality
All parties involved in any aspect of this process will act at all times to preserve the confidentiality of these
proceedings. Information will be shared with those individuals who have a legitimate and operational need to
be informed, and to the extent that it is necessary to maintain the effectiveness of this process. Individuals
found to have violated the confidentiality of this process may be subject to disciplinary proceedings
consistent with the appropriate AUN policy.

V. Deadlines
A Complainant will have twelve months following an incident to initiate a complaint under this policy and
procedures unless he or she can show good reason for having that deadline waived. Requests for exceptions
to the filing deadline must be made in writing to the director judicial affairs who will render a decision in
writing following his or her review of the request. In some instances, particularly when a pattern of behavior
is the subject of the complaint, supporting evidence may include reports of behavior that occurred outside of
the twelve month filing deadline. Such evidence is not subject to the exception requirement. Failure to meet
any of the deadlines stipulated in this procedure will not result in a decision by default or prevent the process
from continuing.

VI. Requirements for Participation and Withdrawals
If a Respondent fails to answer a charge or to participate in this process, the judicial affairs director will
submit the case for adjudication at the conduct council. Failure to respond to a claim or to appear at a hearing
will be considered a breach of responsibility and could result in disciplinary action. Furthermore, a
Respondent will not prevent this process from proceeding by his or her silence or absence; failure to appear
may result in the hearing proceeding solely on the basis of the Complainant’s testimony and evidence. None
of the above actions should be construed to impinge upon the right of the University to initiate or continue a
claim in spite of a request to withdraw when, in the opinion of the Dean of Students, the allegations are
sufficiently egregious to merit further action on the part of the University. The alleged victim will be relied
upon to serve as a witness under these circumstances.

VII. Retaliation
No individual shall be retaliated or discriminated against for participating in these procedures. Any act of
retaliation directed against person(s) participating in these procedures is illegal. Complaints of retaliation
should be addressed to the director judicial affairs who will determine the appropriate action.
In no event will it be filed greater than twelve months following the incident which gave rise to the complaint unless otherwise. Staff from the judicial affairs office will initially meet with the Complainant to assess the complaint, including the appropriateness of the complaint being filed under this Policy and Procedures. The judicial affairs office will then advise the Complainant of appropriate next steps.
APPENDIX C

AUN ZERO TOLERANCE POLICY AGAINST ALCOHOL AND ILLICIT DRUGS ON AUN CAMPUS

Applicability:

This policy applies to all students, student bodies and organizations of the American University of Nigeria, Yola, Adamawa State and particularly, students at the undergraduate level and should be enforced in all departments, divisions, schools, colleges, units, faculty, staff, residential areas, and any external entity and/or individual serving alcohol on University Property.

I. Introduction:

The purpose of this policy is to clarify and inform students of the AUN’s position on alcohol and illicit drugs, and the procedure when the policy is violated. The University recognizes that alcohol use can adversely impact its most important concerns: Academic excellence, student development, health and safety of the campus community at large. The success of this policy is premised on the belief that each person has a role in responding to this issue. It is also the belief that substance abuse is a solvable problem which must be addressed systematically, fairly, and with due process.

II. Purpose:

The purpose of this policy is to provide a vehicle for accomplishing the following:

1. Promote a healthy environment for students.
2. Maximize the opportunities for academic excellence and student development.
3. Discourage the use, sale, distribution or transfer of alcohol and illicit drugs, and the impression of the presence of alcohol and illicit drugs on the AUN campus.
4. Demonstrate the University’s commitment to provide early intervention, counseling, and referral services to each student of the campus community.

III. Definitions:

a. “Alcohol” means any alcoholic beverages which are beer, wine, liquor, spirits, hard cider and related substances.

b. Illicit drugs means: drugs that are not legally permitted or authorized, unlicensed; unlawful drugs.

c. “AUN” means the American University of Nigeria, Yola and in includes all its subsidiaries.

d. “Event” means a conference, fundraising event, where meals are served, meetings or any other gathering (formal or informal) on University Property. If the Event occurs off University Property (including private residences) and any part of the cost of the Event is paid using University funds it is an Event as defined herein.

e. “Licensed Premise” means a specific location where the sale and service of alcohol for consumption on the location has been authorized under law. The only licensed place at AUN currently is: AUN Club.

f. “Sale of Alcohol or Illicit Drugs” means that alcohol or drugs is/are served or delivered for value.

g. “University Property” means any property owned, leased, licensed or otherwise under the control of the American University of Nigeria, AUN.
IV. General Rules and Principles:

1) AUN operates a zero tolerance to alcohol and illicit drugs. All students are personally responsible for their behavior, and all students should consider themselves responsible for the safety of themselves and all fellow students as regards to alcohol consumption or drug use outside the AUN property or associated event locations.

2) Students, student organizations or associations violating campus alcohol rules will be sanctioned under this policy, with sanctions ranging from fines to expulsion.

3) This zero tolerance Policy is based on a philosophy of shared governance between AUN and students regarding use, possession, sale and distribution of alcohol or illicit drugs on campus.
   a. Serving alcohol at the AUN Club by either AUN staff, faculty or visitors, or service at other locations where alcohol can be sold shall be forbidden to all AUN students except post graduate students of AUN and non AUN students.
   b. Self-service of alcohol is prohibited. Students attending the event shall not pour their own alcohol or be given direct access to coolers, kegs, bottles or containers containing alcohol neither are students expected to drink, possess, keep or hold all such empty containers of alcohol or illicit drugs.
   c. AUN Club staff, when in doubt regarding serving alcohol to any customer who may be perceived as an AUN student, will ask for an AUN Student ID card to verify the customer's identity. This is the extent of the responsibility by club staff. However, club staff are expected to exhibit good sense of judgment in this respect.
   d. AUN undergraduate students cannot become AUN Club Members unless they are part of a family membership that is obtained by a full time employed faculty or staff member.

4) It is also a violation of University policy for anyone to be under the influence of alcohol on the campus or at a University-related activity off campus. Anyone violating these policies is subject to disciplinary action ranging from warning to expulsion.

5) This zero tolerance policy prohibits any AUN student except post graduate students from drinking alcohol and makes it illegal to buy alcohol for, or serve alcohol to, any student. AUN will not sell, serve or provide alcoholic beverages to any student. AUN is a dry campus and it adheres to all federal enactment and local laws in this respect.

6) Student health and safety is a primary concern in cases of possible alcohol intoxication or alcohol-related injury. If a student on campus becomes endangered by alcohol use, students should contact the AUN Clinic, the duty of which is to provide medical assistance, not to report violations of policy. Reporting violation can be done afterwards. In these situations, AUN is most concerned that students who need care receive medical attention.

7) Other intoxicating substances, local brewed drinks which are intoxicating, grain alcohol of any type are prohibited from campus at all times.

8) Every impression of alcohol whether empty bottles, container of alcoholic drinks and substances associated with alcohol are not permitted on campus. Student who own, harbor, possessed or store these items shall be subjected to investigation and if found wanting dealt with judicially.

9) AUN students are equally prohibited from taking, serving, selling or storing any kind of mixed drinks made from or with alcohol are prohibited in AUN and all AUN property,
10) Retaliating against anyone who reports an alleged violation of this policy, a witness or participant in any proceedings or investigation is also prohibited and shall be concerned a major misconduct which shall be dealt with decisively.

VI Illicit Drug Use and Drug misuse:
1) Unlawful possession of illicit drugs e.g. marijuana, heroin, amphetamine etc.
2) Drug paraphernalia used with illicit drugs or possession of such paraphernalia.
3) Unauthorized possession of a hypodermic syringe or needle, or any instrument adapted for the administration of controlled substances by injection.
4) Unlawful sale/consumption/possession/distribution/manufacture of illicit drugs or controlled drugs.
5) Being in the place where any of the above is committed.

Extension:
1. If any existing AUN, department, school, or unit policy or practice conflicts with this policy, this policy shall take precedence.
2. Any applicable federal, state or local laws shall take precedence over this policy in the event of any conflict.
APPENDIX D

THE AUN SUSTAINABILITY PROGRAM

AUN offers its students a myriad of opportunities to support its campus-wide commitment to environmental sustainability. The university’s program of sustainability – which includes student activities, academic programs, campus management, and green construction – reflects its mandate to be Africa’s development university.

Background: As a development university, we place special emphasis on promoting economic expansion that alleviates poverty, increases education, improves government, and uplifts peoples who might otherwise be left behind. Over the last few decades, the concept of development has been expanded to address the broader objective of sustainable development, which includes not just expanded economic opportunity, but also environmental protection and social equity.

As defined in the 1987 Bruntland Commission Report Our Common Future, sustainable development is

…development that meets the needs of the present without compromising the ability of future generations to meet their own needs

As a development University, AUN unequivocally embraces the sustainability component of sustainable development. We define sustainability as a planning process and operating condition that continually reduces our University’s dependence on finite resources such as fossil fuels, that avoids wasteful usage of potentially renewable resources such as water and food, and that minimizes environmental damages from pollution and waste. We include in our definition of sustainability the progressive elimination of limitations and barriers to a just and equitable society. Finally, we emphasize the importance not just of continuously reducing any adverse environmental impacts but also of increasing the environment benefits of our presence in the community, extending those exported environmental and social benefits as widely as possible.

Our goal at AUN is to integrate the concept of sustainability into our curriculum, management, operations, facilities, and community engagement. Evidence of the University’s commitment to sustainability includes:

- A new hotel and conference center with insulation (rare in West Africa) and biodigestion for processing sanitary waste into fertilizer
- Installation of energy efficient lighting
- An enterprise-driven recycling program that fosters entrepreneurism in the local community.
- A permaculture-based landscape that minimizes water use, provides wildlife habitat, and strives to protect the school from the effects of advancing desertification
- Commissioning of the Robert Pastor Library and E Learning Center to be Nigeria’s premier e-library, delivering and storing knowledge with digital technologies rather than paper books and journals.
- A new Administration Building with 100% solar energy
- Two Nature Trails
- Research into sustainable agriculture, including the local cultivation and processing of biofuels using Jatropha and other oil-bearing crops
- Recycling and management of the campus waste

More initiative can be found in our Sustainability Reports under the AUN’s website http://www.americanuniversitynigeria.org/about/dev/sustainability/themes
Integration: AUN’s approach to sustainability is much more than a series of piecemeal improvements; rather, sustainability is advanced through a systematic program of planning and action such as outlined in the 2012 inaugural edition of the University’s Sustainability Management System (SMS). AUN’s SMS institutionalizes the University’s commitment to sustainable development by establishing a framework that extends into all aspects of the University’s scholarship, operations, and management, and that carries forward in time from one administration to the next.

The objectives of this SMS program plan are as follows:

- To set forth for review, comment, and consensus a framework and process that will insure the integration of sustainability into University planning and decision making
- To communicate Management’s commitment to sustainability as an overarching value and element of continuous improvement
- To explain to all participating parties how the sustainability management system is organized and implemented in university planning and management
- To create an instrument that generates information for AUN to report to its stakeholders relative to the goals the University has set for itself and its progress toward achieving those goals.
- To provide a framework for internal and external reviewers to evaluate the University’s adherence to its own system and progress toward its self-imposed sustainability objectives.

Student Opportunities: The Office of Sustainability is the primary agent to engage students in environmental opportunities both on and off campus. The Office works closely with STARS, Student Teams Advocating Regional Sustainability. The STARS Environmental Club undertakes campus projects such as installing a wetlands treatment bed and vegetated bioswales abate pollution, plant environmentally desirable plants around campus, develop the nature trials, and pick up litter. The Club’s parties and parades to promote energy and water conservation and raise community awareness of environmental issues are always fun and popular.

Environment-minded students also serve the community through AUN’s Community Development (CDV) courses and through important research such as how to make biofuels, recycling plastic into potholes, and improve the efficiency of dining and waste operations.

AUN’s objective is for every student to get direct experience helping the environment, to better serve the interests of this generation…and many to come.
LEARNING MANAGEMENT SYSTEMS: THE CANVAS EXPERIENCE

Canvas LMS (http://canvas2.aun.edu.ng) is considered to be one of the best e-Learning platforms. Canvas provides some exceptional Web 2.0 elements. This platform is capable of conveying information instinctively. Instructors and students can navigate through the site with ease. The site is well designed and this gives it an edge in the Moodle VS Canvas debate.

Canvas makes it possible for students to integrate their course accounts with various social media networks such as Facebook and Twitter. Instructors can easily create assignments from various locations on the site. The platform analyzes the information automatically and delegates it to the appropriate course calendar and grade category.

Students can monitor their performance in the various assignments and classes they enroll for. They can also engage in discussions with other users. It comes with a grade book that students can use to check their individual assignment grades and overall performance. The platform also allows students to check how an improvement in a certain course can affect their overall grade.

It is easy to connect an account on the platform to various email addresses, social media profiles, and phone numbers. This makes it possible to access your account from different sites.

User profiles are highly customizable: one may add bio, photo, create e-Portfolio, adjust email notifications, manage personal file storage, etc.
CENTERS AT AUN

THE ATIKU CENTER FOR LEADERSHIP, ENTREPRENEURSHIP AND DEVELOPMENT

The Atiku Center for Leadership, Entrepreneurship and Development was established to support AUN’s mission as a Development University. All community service volunteer activities and required community development (CDV) courses are coordinated through the Atiku Center. Additionally, The Atiku Center supports the following projects: The Adamawa Peace Initiative, The Grand Alliance, JAMB and WAEC Tutoring, Peace through Sports, Poverty Stoplight, Rags to Riches, STELLAR (Students Empowered through Language Literacy and Arithmetic), STEM (Science, Technology, Engineering & Math), and Waste to Wealth.

In addition to identifying and coordinating development projects, a principal role of the Center is that of applied research and grant writing to support the Center and University’s activities. The Atiku Center’s mission is to publish reports and books on a regular basis and make all data gathered for the region and country available to the community.

Community Development (CDV) Courses
In CDV courses, students are introduced to the concepts of community service, citizenship, and critical reflection through an interdisciplinary service project to the community. They are exposed to the harsh realities and challenges facing the local community and lend their time and talents to implementing sustainable improvements. They work in one of AUN’s designated community service development programs. AUN Community Development courses integrate meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and improve our community and country. A CDV course is a semester long course with at least 25 hours of community engagement.

- THE AFRICAN CENTER FOR ICT INNOVATIONS AND TRAINING
The Center provides Professional & Vocational Development programs to the Yola/Jimeta community, Corporate & Government organizations, AUN students and AUN personnel.

The programs offered specifically for students are aimed at complimenting their degree program via industry recognized and certified courses in ICT specifically. These include various programs from Cisco Systems, Microsoft, Oracle, and other reputable technology providers.

- CISLab – COMMUNITY AND INDUSTRY SYSTEMS LABORATORY
The Community and Industry Systems Laboratory, established in the Fall of 2010, is envisioned as an incubation spot to foster collaborations and joint innovations between academics and researchers in SITC (and AUN at large) on the one hand and professionals in the emerging software industry in Nigeria. The initial funding for the laboratory to support this effort came from Quanteq Technology Solutions in Abuja. Incubation is seen broadly to encompass elaboration and clarification of ideas on projects to actual development of software systems. Special emphasis is put in the use of open source software to evolve systems that can be widely employed in the community, the country and Sub-Saharan Africa region. Such joint collaborations bring fresh ideas, technologies and techniques on solving problems. Even more importantly they provide excellent learning and skills acquisition opportunities for all participants, especially our software engineering students who are expected to hit the ground running when they join the software industry.
‘OFFICES’ AT AUN

STUDENT AFFAIRS

Through involvement in residential living, student activities, leadership development experiences, athletics, student governance, and many other extra-curricular programs and activities, students will find many opportunities to enhance their overall development and prepare them to make significant contributions both in Nigeria and in the world.

Office of the Dean of Students
This office is responsible for providing students with impartial, independent and confidential support regarding University policies and procedures.

Student Activities & Engagement
Programs to support the leadership and organizational development of students are provided at this office.

Athletics
AUN provides a wide range of opportunities for students to participate in competitive and recreational sporting events.

Career Services
This unit provides students with information and assistance regarding which majors to choose.

Judicial Affairs
This office is Responsible for the facilitation of the Student Code of Conduct.

Community Service and Service Learning
These aspects focus on experiences that connect students to local communities.

Office of Residential Life
This Office is responsible for the management of all residential facilities on the campus.

Housing Assignments and Card Services
All students are assigned University housing and provided with an official ID card.

Study Abroad
AUN sponsors semester abroad programs and short term international experiences for students who have interest in international study.

Health and Wellness
AUN has a clinic to provide healthcare and is situated on the main campus.

Campus Safety & Security
The security staff provides 24 hour coverage for the entire campus community and off-campus facilities.

Religious Life
AUN is committed to freedom of religious expression and respect for diverse religious traditions.
The Office of Technology & Digital Services (OTDS) is led by the AVP Digital Services and Chief Information Officer of the university. The Office helps the university students, faculty and staff in the use of technology in their everyday activities.

The state-of-the-art infrastructure comprises of a 24/7 wireless network across the entire university complex, with fiber-cables connecting its major buildings. The Metropolitan Area Network (MAN) spans over twenty-five (25) Km across the twin cities of Yola and Jimeta, extending into thirty residential and industrial complexes. The system users range from novices to people who have been using computers proficiently, and the Staff at OTDS have the experience to attend to all levels of users.

This Office supports all applications deployed at the university be they Enterprise Resource Planning (ERP) applications or Learning Management Systems (LMS). Working with the School of Information Technology and Computing (SITC), OTDS offers students the perfect work-study environment in areas like Wireless & Telecommunications. It also has a professional and certification training center, on an impressive structure in the Yola South metropolis, operated by competent instructors. The training programs start from the basic ICT of Operating Systems, creating emails and navigating the Internet, and extend to teaching students basic computer and mobile phone repairs in IT Essentials. The complete course catalog includes the entire suite of Cisco Networking Academy courses, Microsoft certifications, Oracle, and PMI’s Project Management Professional (PMP).

To support the university’s development mission, over 2000 youths have been trained for the university in partnership with the Adamawa Peace Initiative in what is termed “Peace through ICT training”. This Office also runs a Printing Press and a business center; and in addition, manages a campus store to make available provisions to students, faculty and staff.

The Office for Technology and Digital Services has four departments:

- The Department of Information Technology (DIT) led by a Director and charged with the supporting the infrastructure deployment.
- The Department of Information Systems supervised by a Senior Director and charged with the development and roll-out of the ERP application as well as all other applications used in the university
- The Department of Professional & Vocational Development & Auxiliaries (DPVDA) guided by a Director and charged with training as well as managing the business center and the campus store.
- The Department of Digital Services (DDS), led by a Director, who is responsible for maintaining and enhancing AUN’s digital library and digital learning resources

OFFICE OF COMMUNICATIONS AND PUBLIC RELATIONS

The Office reports to the President and has the following responsibilities:

- Assisting the President on internal and external communications, in the President’s capacity as the University’s spokesperson and representative
- Managing the University’s media relations and perception dynamics
- Publicizing the University’s activities through press releases, specialized features, photographs, short news and long documentary features, and video recordings
• Producing and circulating the University’s communications
• organs namely InsideAUN, AUNthisWeek, The Weekender & AUNtv
• Managing the University’s official Website (www.aun.edu.ng)
• Developing and warehousing the University’s informational materials, including photographs and video recordings
• Advising the management on global best practices in orderto: “Increase AUN’s visibility and develop relationships with diverse stakeholders of a Development University through active cultivation of corporate relations, foundation relations, parents relations, alumni relations, government relations, and with strategic individuals throughout Africa”.

UNITS UNDER THE DEPARTMENT
• Editorial & Content Development
• Media & Public Relations
• Web Services
• Multimedia Services
• Design, Printing and Publications

EMAIL: communications@aun.edu.ng

OFFICE OF UNIVERSITY EVENTS AND PUBLICATIONS

The Office of University Events & Publications primarily oversees the planning of major university events and ceremonies and supports the University Community in planning official events. It additionally coordinates the printing of all university publications and also coordinates with the Marketing Department on promotional gifts and other marketing functions.

This Office seeks to maintain the highest quality in event planning and organization, publication designs and printing that will portray AUN in the best possible way, support the university’s strategic vision as a “Development University” and promote the institution’s brand image and identity.

The objectives are as follows: To

a. Manage and coordinate university events that showcase AUN and maximize opportunities to celebrate University accomplishments
b. Offer support and guidance to the AUN Community regarding formal events planning
c. Increase AUN visibility through quality events planning and organization
d. Maintain and promote AUN’s positive image and brand identity through events and publications
e. Work with academic units to coordinate scheduling for the University
f. Coordinate publication content with Office of Communications
g. Ensure publication design concept and printing quality meet university standard and format
h. Promote AUN’s strategic vision through events
i. Operate and maintain a robust database for all university events.

Tel: 0810 249 4360, 0805 620 0009
Email: events@aun.edu.ng
HUMAN RESOURCES AND PLANNING

This Office is charged with providing personnel support to all employees, which include staff (teaching and non-teaching; temporary and casual), faculty, employed students and alumni, NYSC members, interns, consultants, and volunteers. It is also responsible for providing customer service to guests and prospective job applicants.

HR General Contacts
Email: hr.office@aun.edu.ng
Skype: aunhrecruits

FACILITIES MANAGEMENT

The Facilities Unit at the American University of Nigeria is in charge of the maintenance of all the various University facilities.

OFFICE OF PUBLIC AFFAIRS

The Office of Public Affairs exists to provide a framework for public actions, activities, engagements, events and interactions concerning its relationships with AUN’s different publics. To this end, it seeks:

1. To swiftly, appropriately and accurately respond to issues, events, activities, expectations, needs and sensibilities of AUN’s close and distant audiences by establishing open and pro-active communication channels with all its targets

2. To consistently highlight AUN’s positive community initiatives, commitments and contributions

3. To guarantee consistency and coherence in the pattern of all information released to the public

4. To develop an engagement plan with Gotel Communications in the areas of students’ training/internships, faculty/staff programming, Gotel staff training, etc.

5. To serve as the main gateway into AUN for visitors and conduct campus tours for all University visitors.