



MINISTRY OF HIGHER EDUCATION

INTERNATIONAL UNIVERSITY BAMENDA

PROGRAMMES AND SYLABI

FOR

ALL SCHOOLS, 2016

GENERAL INFORMATION AND UNIVERSITY REQUIREMENTS
INTERNATIONAL UNIVERSITY, BAMENDA



REPUBLIC OF CAMEROON
CENTRAL AFRICA
P.O.BOX 444, BAMENDA
Motto: Service to mankind for the Glory of God
Website: www.iubamenda.org

1.0 Brief on the International University, Bamenda

International University is the first private University in Cameroon established in 1990 and approval No. 17/0363/MINESUP and incorporated No. 000056 based on Cameroon Laws and Regulations. The University has the World Secretariat at the Commercial Avenue New Life Building and is collaborating with the University of Wisconsin U.S.A. and Common Wealth Universities. The University has Campuses in Belo and Kumbo with the permanent Structure, West of Bamenda Airport.

International University Bamenda is No. 1 among the recently 100 web ranked Universities in Africa, No- 1 in Cameroon and 194 in the World as contained in www.classbase.com in United Kingdom Ranking and Cameroon - African Universities. International University Bamenda runs degree programmes on regular, sandwich and independent studies where the students have physical contacts with their lecturers, supervisors and the University.

1.1 Some Highlights/Achievements of International University Bamenda (IUB)

- First lay private University in Cameroon established in 1990
- Approval No. 17/0363/MINESUP and Incorporated No. 000056
- Collaborations with African, Commonwealth, European, Asian & American Universities for study and work.
- 100% International Degree Programmes
- 100% Success in the 25.000 Recruitments by Government
- 100% Success in International Examinations
- 100% Success in Internal Exams
- 100% Success in National and International Employment.
- World Champion in Management 2005
- Cameroon Champion in Technology 2007
- Cameroon Champion in Technology 2008
- Champion in Distant Learning – goes across the Continents.
- Full tuition Scholarships for struggling Students
- No age limits for admission. Admissions all year round
- No academic or financial pressures-Students go at their own pace-flexible mode of study
- Students hold one another's hand, making learning a success and joy.
- Many work Nationally and Internationally as Registrars, University Lecturers, Head of University Department, Engineers, Corporation Managers, Medical Doctors, Nurses, Community Development Officers, Inspectors of Education, Principals, Lawyers, Bankers, Government Examination Board Members, Bank Managers, Accounts, Marketing Managers, Computer Analysts, Head of Research Institutions, Law Enforcement Officers etc etc.
- Offers a vast number of programs to select from.
- You can complete with us what you abandoned elsewhere.
- We put wings on the backs of our graduates for a world mission.

1.2 What does the School offer?

The university offers A VAST NUMBER OF DEGREE Programs for undergraduate and graduate studies under the Schools of AGRICULTURE, ARTS, BUSINESS, EDUCATION, ENGINEERING, HUMAN ECOLOGY, MEDICINE, LAW, NURSING,

PHARMACY, SCIENCES and VETERINARY MEDICINE starting from HND.

1.3 Progress of the school

Has been graduating students since 1998 including doctorate graduates who are 100% gainfully employed nationally and internationally.

1.4 Structure of International University, Bamenda

Permanent structure in stone, at wall plate level, West of Bamenda Airport. When completed will be 80 rooms under one roof.

1.5 Modes of study in International University, Bamenda

Modes of study: i) Regular Classes; ii) Distant or Independent Study; iii) Sandwich Program from July-August; iv) Lectures at a school Centre 2:30-4:00 pm from Monday to Thursday.

1.6 Admission Requirements in International University, Bamenda

GCE O/L & A/L, BAC, CITY & GUILDS A/L, RSA Stage 111, HND, Teacher Grade 1, ENS Diploma, A.C.P. LCP.A/B.Sc, M.A./M.Sc., Maitrice and any other equivalent qualification will be considered. We accept Religious studies-it is even an added advantage.

1.7 Duration of Studies in International University, Bamenda

Entering Qualifications	Degree Program	Desired duration
A/L	Engineering	Up to 5 years
A/L	B.A	Up to 3 years
A/L	Medicine	Up to 5 years
Teacher Grade 1	B.A. Education	Up to 2 years
E.N.S Diploma	B.A. Education	Up to 1 year
1 st Degree	M.A.	Up to 1 year
M.A	Ph.D.	Up to 3 years

1.8 Fees Structure of International University, Bamenda

Degree	Application	Registration	Full Tuition	Graduation	Defense
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Cet/Diplomas	25.000frs	100.000frs	150.000frs	75.000frs	
B.A/ms.c	30.000frs	125.000frs	200.000frs	100.000frs	
M.A/ Ms.c	35.000frs	150.000frs	250.000frs	125.000frs	40.000frs
Doctorate	45.000frs	200.000frs	350.000frs	150.000frs	60.000frs
Medicine	50.000frs	225.000frs	400.000frs	175.000frs	70.000frs
Engineering	40.000frs	175.000frs	300.000frs	200.000frs	50.000frs

1.9 Summary of Degree Programs

B.A. or B.Sc.

At least 40 courses of 3 credits each taken from various departments but the majority (at least 21) must be taken from the area where the candidate wants to graduate. A grade point average of at least 2.5 over 4 points is required to proceed to the research project and to graduate.

M.A. or M.Sc.

At least 20 courses above the B.A. or B.Sc. must be taken from various departments but the majority (at least 11) must be taken from the department where the candidate wants to graduate. A grade point average of at least 3 over 4 points is required to proceed to the Comprehensive Examination, orals and then research project to graduate. The candidates defend their research projects.

Ph.D.

At least 30 courses above the Masters taken from various departments but the majority (at least 16) of the courses must be taken from the department where the candidate will graduate scoring at least 3 over 4 points to proceed to the preliminary Examination which precedes the research project. The candidate finally defends the project publicly.

Medical School (MD).

The program lasts for 5-6years, candidates for the M.D degree must do all the courses (160) listed for the program and pass at least 3 over 4 points in all the courses. On successful completion of the course work the candidates write a comprehensive examination on the courses they have done. This is followed by an oral examination. On satisfactory completion of the orals, this is followed by an oral examination. On satisfactory completion of the orals, the candidates then go for internship in a hospital for one year. The students' supervisor write reports. The final stage is the defense when the candidate is examined by a panel of at least 7 members.

Engineering Degrees

Take up to five years. The course work consists of at least 100 courses drawn from various departments but the majority of the courses are taken in the department where the candidate wants his/her degree. The Candidates must pass each course at a 3 over 4 points to proceed to the Comprehensive Examination. On successful completion of the Comprehensive Examination the candidate will do an oral examination after which he/she gets in to a practical research to solve an existing problem. On satisfactory completion of the project the candidate then defend it before he/she graduates. Details of each program were filed and scrutinized by the Ministry of Higher Education, Cameroon in Central Africa.

HND:

Two years after which the candidate can continue for another one year for First Degree.

A little information about the Founder/Proprietor

This information is necessary as the university reflects some of the characteristics of the founder. Had been baby-sitting up to age of 10 when he sent himself to Primary School. He then started carrying firewood head load to Old Town Bamenda and after selling the Firewood he moved on the streets of Old Town shouting "I want work" then somebody would call me to pound corn, sweep the yard or to fetch water. He sold his first bundle of firewood for one and a half pence which is equivalent to 5 francs to-day. This was enough to pay fees for two weeks as the fees were 10 frs per month. He got up very early in the morning to go tap raffia through a bushy road with cold dew on the grass and returned with frozen lips, fingers and toes.

He walked from Bafut to Bambili bought cabbages, tied them to a tree in the middle of the market, climbed the Bambili hill, descended to Babanki Tongo, stayed the night, got up at 5 am. Travelled to Bamessing, bought clay pots and pipes, retraced my steps back to Babanki Tongo, climbed the Babanki Hill descended to Bambili, tied the cabbages on the clay pots, travelled to Mfonya, stayed the night and carried my merchandise to Fon's Market, sold them and walked up to Bawum. These are some of the activities to propel himself- he earned his support up to this level of

education.

How I turned “Stumbling blocks” into Stepping Stones”

In 1961 on graduating from the lone Government Teacher Training College, Kumba he was appointed to Lebialem where we used to walk with over plank boxes on our heads for 2 days to get to the school. His classmates, in sympathy brought drinks to celebrate his death but dissuaded him in vain from going to the place. They described the place as dead and that he was going to die.

He still made up his mind to go and told himself “I will be completely happy”. There he took advantage of the isolated nature of the place and so studied for the London GCE Ordinary/Advanced Levels as a Distant Learner, wrote the examination in Buea the lone centre in the country, passed and was catapulted 5 salary increments up. He was subsequently moved up to Grade I Teacher. At that time there were only ten of us with the Catholic Education Authority.

He earned P.T. Teacher, Teacher Grade III, Teacher Grad II, Teacher Grade I, G.C.E A/L Levels, Bachelor of Science, Master of Science & Doctorate of Education supporting himself all the way. He has taught all classes in Nursery, Primary where he was Headmaster in Some of the schools, secondary School, Teacher Training and University for 60 years, 16 of which were spent studying and practicing education in America where he taught in the day and worked in industry in the night to gain practical experience on the job. He attended many Business Seminars, Health Seminars and Education Conferences. Worked on farms.

The story is sweet but the time is short

Professional Education Licenses earned in America

- 220 05 Technology Education
- 10 Director of Instruction
- 05 District Administrator
- 30 Junior High School Principal
- 25 High School Principal
- 26 Secondary School Teacher

Some Outstanding Achievements and Recognitions

- 1953** 1st Prize Mankon Teachers' Writing Competition. By the Mankon Teachers spread over 10 schools under the supervisory Headmastership of Dr. John Ngu Foncha
- 1960** 2nd Prize Long Jump Amateur Athletic Association of Southern Cameroon.
- 1973** 1st Prize Thomas Flemming University Writing Competition, University of Wisconsin Stout U.S.A. the first ever non-American to win the prize
- 1973** Chancellor's Award for Outstanding Students Scholastic Ability University of Wisconsin Stout U.S.A.
- 1973** Represented my university at National Model United Nations, New York.
- 1978** National President Elect Cameroon Students' Association U.S.A. that earned me a CERTIFICATE OF OUTSTANDING SERVICES TO THE CAMEROON STUDENTS ASSOCIATION U.S.A. AS NATIONAL PRESIDENT.
- 1982** National Adviser Cameroon Students Association U.S.A. that earned me a CERTIFICATE OF OUTSTANDING SERVICES TO THE CAMEROON STUDENTS ASSOCIATION USA AS NATIONAL ADVISER.
- 1978** Earned Outstanding Students' Leadership & service Award University of Minnesota U.S.A with a student population of 90.000. This was crowned by a lavish banquet organized by the university in my honour. This was the first and last time I saw the President of the University.
- 1978** Represented University of Minnestota at the Association of American Higher Educators.
- 1982** Opened and operate my own company in the U.S. called Research and Development Consulting Service.
- 1982** Earned OUTSTANDING CITIZEN AWARD by the City of Milwaukee U.S.A. the largest city in the State of Wisconsin.
- 1990** Established the first lay private University in Cameroon. The International University-Bamenda. The university operates undergraduate degree programs in the schools of Agriculture, Arts, Business, Education, Engineering, Human Ecology, Law, Medicine, Nursing, Pharmacy, Science &

Veterinary Medicine, has graduate 13 batches including 8 of Doctoral candidates who are serving all over the world in high position like university lecturers, teacher trainers, school proprietors, Bankers, farmers, accountants, business managers, school managers, nurses, translators, medical **Doctors, statisticians**, government examination Board Members, mathematicians, international consultants, heads of University Departments, Deans of Studies, **Corporation Mangers**, public Health Workers, Journalist, Geologists, pastors, Computering Engineers, Community Development Officers, Electrical Engineers, Civil Engineers, Agriculturist, lawyers, Inspectors of Education and mayors. Others pursue advance studies in other African, European and American University (IUB).

2005 The IUB came FIRST in the world in an international examination conducted by London for the Advance Degree in Management.

2007 & 2008. The school also came FIRST in Cameroon in 2007 and 2008 in Technology following National Competition in Yaounde.

2007 Opened the INTERNATIONAL UNIVERSITY-Bamenda, Bauchi Campus in Nigeria.

2010 1. Elected Chairman of the Education Commission Ngomgham Parish.

2. National/International Coordinator of Resources for the renovation of Bafut Parish Schools.

3. Elected Vice President of the Parish Pastoral Council Ngomgham Parish.

My Function in I.U.B.

1. President Advisory Council
2. Moderate Degree Programs.
3. In charge of Distant Learning.
4. Teach 202 Moral Education; 300 general Fortification; 402 Research Foundation;
5. 400 Advanced English Compositions; 102 Building Economy.
6. Plan/Develop structures.

Hobbies

PLAYED Football in the FIRST teams of all the schools I have attended right from

primary school to Universities. Participated in most ports, Gardening, Cane Work, which I carried to the U.S. and practice it there very profitably. Carving, taking care of stranded people particularly orphans and the mentally sick from personal resources.

Assets/Abilities

- Ability to turn NOTHINGNESS to SOMETHINGNESS.
- Ability to do big things with little or no resources such as the International University-Bamenda and the Outreach Center in Nigeria.
- Ability to create or improvise.
- Good health-for 60 years in Education I have not lost up to one month to sickness.
- Ability to achieve goals that are thought to be impossible. I am perhaps the first happy university President that does not have even a bicycle to his name. My happiness is in the caliber of people that we form that serve in prestigious positions all over the world.

I hope and wish that everybody picked something from my speech that is beneficial to you and to others. Thanks again for coming and for listening. We look forward to your continuous support

Individual Learning Guide

The International University wishes to welcome you to acquire the best Knowledge you desire on the planet earth. Prominent Psychologists of learning and educators up-hold that the best way to learn is to engage the learner in the search acquisition, organization and presentation of new knowledge. The students who have taken this route of learning have come back to thank the International University for the freedom to go their own pace-they start and stop any time they wish. They have learnt a lot on their own. Their graduation is not dependent on time spent, but on the quantity and quality of work accomplished.

How good is this method of studying?

There are other ways of knowing things, however, in contrast to knowing things through agreement; it is also possible to know things through direct experience

and observation. If you touch fire, you don't need anyone to tell you that it is hot. If you prick your finger with a needle or office pin you do not need any one to tell you that it hurts, you notice that by yourself. There are therefore two realities in the acquisition of knowledge by man as far as this study is concerned. Thus:

1. Agreement Reality: Those things you consider to be told that they are real
2. Experimental reality: Those things you know as a function of your direct experience.

The first is a product of what people have told you, the second is a product of your own experience. The problem is that both seem very real. Science offers an approach to both agreement reality and experiential reality. Scientists have certain criteria that must be met before they will accept the realities of something they have not personally experienced.

In general, an assertion must have both logical and empirical supports, it must make sense and it must align with observations in the world. Scientists accept the reality of things they don't personally experience, they accept an agreement reality, but they have special standards for doing so. Whereas **epistemology** is the science of knowing. **Methodology** as a sub-fields of epistemology, is the science of finding out what is possible to be known for discovery. Students of International University Bamenda are required to apply both methods of acquiring such knowledge.

Research methodology therefore is the science of finding out how to systematically and objectively record and analyze controlled observations that may lead to the development of generalizations, principles or theories resulting in prediction and possibly ultimate control of events. Therefore, go into research.

The University has pilot tested her products abroad to do advanced degrees on the basis of their 1st Degrees from this University and they have come back with 1st class Advanced Degrees. One of her products was number one in the world in an INTERNATIONAL EXAMINATION and another was number one in Technology in Cameroon at a national competition in Yaounde. One of her products also handles

an international job in Europe. Some are Principals, School Proprietors. Bankers, Engineers, Teachers, Inspectors of Education, Computer Engineers, Managers, Community Development Officers, Public Administrators, Agriculturists to name just a few. Students who have taken this route of studying have averaged 'A' Grades all through.

This work is not a test or examination for you to sweat under it alone. It's only objective is to stir you up to learn by looking for new knowledge from people or books. You are therefore free to consult people or books that deal with the topic. When you consult somebody, you must write down the person's full names, qualifications, occupation so that you can cite them in your report and bibliography. Whether what the person says is right or wrong you cannot be held responsible for it as long as you have cited the source of your information. For example, when using a book go to the index to check what it says about your topics. You just read through that section several times and then summarize it in your own words.

Admission Requirements

Candidates seeking admission into International University Bamenda must possess the following requisite requirements.

- a) The minimum academic requirement is five (5) credit passes including Mathematics and English language at not more than two sittings.

Direct Entry Requirements;

- b) Applicants should possess five (5) credit passes including Mathematics and English language at not more than two sittings and an addition of at least two (2) A-level passes.
- c) OND/NCE in relevant disciplines with at least lower credit in addition five (5) credit passes including Mathematics and English language at not more than two sittings.

Work to be done:

Students are to write a term paper or summarize their modules of not less than four chapters on each of the courses/modules. You are to write an independent term papers/ module summarization within eight months in a year. This study can

be done by **Sandwich**,

Independent or Regular.

- a. First semester begins from January and terminates in May.
- b. Examinations are written in May in any of the campuses in Cameroon.
- c. Second Semester begins from June to October.
- d. Examinations are written in November.

Duration of the Programme

- a) The programme runs as full time programme for a minimum period of 8 semesters (4 years) and maximum of six (6) years for degrees.
- b) Direct entry runs for three years. A student will not be allowed to exceed an additional 50% of the duration of the programme if he fails to graduate within the minimum number of years.
- c) Pre- master/PGD is for 12 months with a project, Masters are for a minimum of two years.
- d) Ph.D is for a minimum of 3 years. Students are required to write 4 mandatory examinations within the specified duration, 3 seminars, Proposal Defense (Chapter 1-3), Internal Defense (Chapter 1-6) and external Defense (Chapter 1-6). Students are required to cover 90 credit units of 30 courses within the specified duration of the courses.
- e) BSc students with A level (NCE, OND) are required to cover 120 credit Units at minimum while students with SSCE/GCE must cover a minimum of 180 credit units.

General Information

- 1. Students are to obtain their valid travelling documents as soon as they obtain their admissions.
- 2. Students must have completed their payments/school fees before graduation
- 3. All seminars and courses must be presented and passed before internal defence for Master and Doctorate degree students.

PhD Programmes

The International University welcomes you to study in comfort. The students learn

at their own pace through the guidance of professionals in different fields. Their graduation is not only dependent on time spent, but on the quantity and quality of work accomplished. Those students who have taken this route of learning have had course to come back to thank the International University for this type of program. The work is not only a test/examination for the student to sweat under it alone; its objective is to stir students up to learn independently. You are therefore at liberty to consult people or books that deal with the topic on which you are researching. Quote/write down the authors to cite it as a reference.

Work to be done

You are expected to write term papers of not less than 20, 30 and 40 typed pages on each of the courses allocated to you for B.Sc/B.A, Pre-Masters/M.Sc/M.A and Ph.D respectively. Ph.D/M.Sc/M.A students are expected to present a minimum of three seminars and for undergraduates a minimum of two seminars before graduation.

Advice

Do not panic, do not rush, and do not think that you can understand all the work in one day, one week or one month surely you will succeed. It is a gradual process, keep on searching for those things that are possible to be found and not yet found. Make sure you are starting on a good footing, have enough data to take you along and to be equipped and be determined. The work has to be approached scientifically. We are here to hold your hand until you can walk. You are expected to finish your course work within 12 months. Any work that is sub-standard will be rejected. Rejecting the work is not that it is totally condemned; it means you have to improve on it. All work must be typed with 1.5 spacing. Be sure you bring in the first course you have completed to be checked before you proceed. You are free to ask questions where you are not clear.

Fees.

I wish to remind you that fees are paid per academic year. Remember you can only be the one that will create problem to yourself. Success is yours as long as you will face the realities of life. Work independently and continuously.

Congratulations once again.

1.10 TERM PAPERS

INTERNATIONAL UNIVERSITY BAMENDA

"212 ADMINISTRATION LAW"

A TERM PAPER SUBMITTED BY:_____

TO _____

IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR A____

DEGREE IN _____

Date _____

Readers Remarks _____

Grade _____

SCHOOL OF MANAGEMENT SCIENCES

2.0 Postgraduate Sylabi for the Sciences of Management, Education and Arts

2.1 Department of Accounting

Degrees in View

- PGD Programme in Accounting
- M.B.A Programme in Accounting
- M.Sc Programme in Accounting
- M.Sc Programme in Taxation
- Ph.D Programme in Accounting

Objectives

The Postgraduate Programs of the Department of Accounting are aimed at:

- Sharpening students' knowledge of accounting concept in slated functional and research disciplines which will enhance their ability to conduct high quality accounting work in private and public organizations in this era of rapid development in technology and computerization.
- Developing in the student the analytical and critical approaches to accounting issues as well as employing the concept and tools of social sciences in seeking to understand the accounting process in its wider setting.
- Producing graduates who are properly exposed to in-depth and systematic research into the problems arising from the theories and practices of accounting.

(a) List of Courses

(di) Full-Time Programme

First Semester

ACC 601	Principles of Financial Accounting	3 Credits
ACC 611	Principles of Micro Economics	3
	Credits	
ACC 621	Auditing Principles and Practice	3
	Credits	
ACC 631	Principles of Taxation and Tax Management	3
	Credits	
ACC 633	Accounting Theory	3 Credits

ACC 661	Quantitative techniques and methods	3 Credits
ACC 671	Principles of Management	3 Credits
ACC 681	Research Methodology	3Credits

Total Credits 24 Credits

Electives

ACC 641	Computer Appreciation in Business	3 Credits
ACC 651	Cameroon Economy	3 Credits

Second Semester

ACC 602	Financial accounting	3 Credits
ACC 604	Introductions to IFRS and Financial Reporting	3 Credits
ACC 612	Principles of Macro Economics	3 Credits
ACC 614	Introduction to Costs and Management Accounting	3 Credits
ACC 682	Principles of Finance	3 Credits

Total 15 Credits

ACC 692	Project Reports	6 Credits
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Electives

ACC 652	Public Finance	3 Credits
ACC 654	Public Sector Accounting	3 Credits
ACC 684	Small Business Finance	3 Credits

(dii) Pre-Master Programme:

First Semester

ACC 601	Principles of Financial Accounting	3 Credits
ACC 611	Principles of Micro Economics	3 Credits
ACC 631	Principles of Taxation and Tax Management	3 Credits
ACC 633	Accounting Theory	3 Credits
ACC 661	Quantitative techniques and methods	3 Credits
ACC 671	Principles of Management	3 Credits

Total 18 Credits

Electives

ACC 641	Computer Appreciation in Business	3 Credits
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Second Semester

ACC 602	Financial Accounting	3 Credits
ACC 604	Introductions to IFRS and Financial Reporting	3 Credits
ACC 612	Principles of Macro Economics	3 Credits
ACC 614	Cost & Management Accounting	3 Credits
ACC 682	Principles of Finance	3 Credits
Total	15 Credits	
ACC 652	Public Finance	3 Credits
ACC 654	Public Sector Accounting	3 Credits
ACC 684	Small Business Finance	3 Credits

Year Two

First Semester

ACC 621	Principles of Auditing	3 Credits
ACC 661	Quantitative Techniques & Methods	3 Credits
FMS 681	Research Methods	3 Credits
Total	9 Credits	
ACC 654	Public Sector Accounting	3 Credits

Second Semester

ACC 692	Research Project	4 Credits
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(e) Course Description

ACC 601 - Principles of Financial Accounting I (3 Credit)

Accounting and Auditing, the basic principles and concepts of accounting in the private business enterprises: book- keeping process, elementary theory of accounts, basic practices of financial, cost and management, basic theory of auditing, internal and external. Adjustments in financial statements of a sole trading business. Manufacturing account, accounts for non-profit organisations.

ACC 611 Principles of Micro Economics 3 Credits

Economics system and organisation, demand and supply theory, individual and consumer behaviour, the utility and indifference curve approaches. Market

classifications, principles of production, the firm and perfect competition, pure monopoly, monopolistic competitions, pricing and employment of resources.

ACC 621 Auditing Principles and Practice**3 Credits**

The nature and scope of auditing, code of conduct and professional ethics of auditors, qualifications, remuneration, appointment and removal of an auditor. The role of internal and external auditing, reporting responsibilities, Relationship of auditors to directors, shareholders and other financial statements users. Auditing planning, initial review of accounting system, evaluation of internal control systems and procedures, -vouching, verification of assets, sampling and statistical techniques. Audit of bank and cash transactions, valuation and verification of assets and liabilities of organizations. Flow charting, stock taking procedures, letter of representation. The audit report, statutory requirements for audit report (using company act). Types of audit reports. Professional requirements, duty and power under statute and case law independence Auditing computer based accounts (EDP Systems).

ACC 631 Principles of Taxation and Tax Management**3****Credits**

Basic concepts in taxation: elements of tax, formal and effective incidence of tax, tax shifting, direct and indirect taxes, tax shifting welfare effect of taxation, criteria to be observed in choosing equitable tax, Distribution of the burden of taxation. The income tax law, including the income Tax Management Act 1961, the company Income Tax Act 1979, the Petroleum Profit Tax ACT 1959, the Income Tax (Forces and other Persons). (Special Provisions) Act 1972 and relevant amendments. Computation of income tax: ascertainment of income, assessable income, total assessable income (including computation and treatment of capital allowances and losses), chargeable income tax payable. Corporate taxation. Tax planning and Tax Administration in Nigeria.

ACC 633 Accounting Theory**3 Credits**

History and development of Accounting Theory and corporate Reporting practices. Nature of Accounting Postulates and Concepts. Income Concepts for Financial Reporting. Concepts of Depreciation and Amortization. Regulatory bodies for accounting standards in Nigeria. Accounting Policies, Financial Reporting and Price Changes.

ACC 641 Computer Appreciation in Business**3**

Credits

Computers and Classifications, main parts of digital computer input/output,(types of storage and storage devices) operating the computer (escape polls), software, system investigation – analysis, design and implementation. System controls, Equipment selection, flow charting. Introduction to basic programming, Data types, Constant and Variables, Statement types, Assignment Statements, Input output Statements, Control Statements.

ACC 661 - Quantitative Techniques and Methods

3

Credits

The nature and objectives of statistics, frequency distributions, measures dispersion, essentials of probability, statistical distribution, basic sampling techniques, decision theory, index numbers, time series, correlation and regression analysis, statistical inference and confidence intervals hypothesis testing. The role of mathematics in business, the number of systems, indices, logarithm, inequalities, vectors and matrix algebra and applications, uses of derivatives in business and economics. Decision Theory Expected Value, Decision tree, Decision under uncertainty, Linear Programming, Network analysis, Financial Mathematics, investment appraisal techniques.

ACC 671 Principles Management

3 Credits

Principles of organisation; classical organisation theory human relations school, informal organisation; bureaucracy, policies and administration relations; personnel administration, administrative decision-making, control and accountability; organisation of job design analysis and staffing.

ACC 681 - Research Methods

3

Credits

The course is designed to improve the ability of students to carry out empirical research and to evaluate published research. The nature and importance of scientific research, theory building, and concept definition, formulation of hypotheses, validity and reliability, measurement and scaling methods, and problems in data collection and sampling, criteria for causal inferences, studies and control groups, considerable time will be devoted to report writing including editing, foot noting, etc.

ACC 602 - Financial Accounting**3 Credits**

The nature of partnership and legal aspect, accounting for partnership form of business ownership, fixed and fluctuating capital accounts, the partners current accounts, Admission of new partners, retirements of partners, financial statements of a partnership business, dissolution of partnership, introduction to company accounts including issues and forfeiture of shares, and simple preparation of financial statements using IFRS recommendation.

ACC 604 - Introduction to IFRS and Financial Reporting**3****Credits**

Conceptual Framework for Financial Reporting.

IFRS 1 – First Time Adoption of IFRS

IAS 1 - Presentation of Financial Statement

IAS 2 - Inventories

IAS 7 - Statement of Cash Flows

IAS 33 - Earning Per Share (EPS)

Preparation and presentation of extracts from financial statements.

ACC 612 Principles of Macro Economics**3****Credits**

The emphasis in this course is on macro, or aggregative aspect of the economy. Topics include National Income Account; the Determination of the level of aggregate Output, Employment and Prices; the Monetary and Fiscal Policies; Economic Growth; and International Monetary Economics.

ACC 614 - Introduction to Cost and Management Accounting**3 Credits**

Nature, scope and functions of cost and management accounting. Material cost control, labour cost control, overhead control, interlocking and integrated systems. Methods of costing- specific order costing and continuous operation costing; cost behaviour including learning curve, CVP Analysis, marginal costing, relevant costing, budgeting control, standard costing, Ratio in standard costing, and cost management.

ACC 652 - Public Finance and Fiscal Policy**3****Credits**

Federalism and Public Finance , direct and indirect taxation in Nigeria, operation of federal and state finance fiscal system, public debts policy, role of public corporations and marketing boards, role of central banks; The budgetary cycle and public expenditure control budgeting process. The fiscal relationship among federal, state and local Government. Introduction to Financial Management including theory of effective utilization of funds. Capital budgeting, Cost of capital. Financial statements analysis, Portfolio theory and Security evaluation; common stock, bonds, debentures and preferred stock.

ACC 654 - Public Sector Accounting

3 Credits

Introduction to public sector accounting, distinction between public and private sectors, basic accounting for non-not-for profit (NFP), classification of NFP; basic characteristics of government accounting. Structures of government accounting in Nigeria. The treasury audit department, consolidated revenue fund, capital and development fund, fund accounting system and standardised uniforms for transactions. Decision making and planning and control of public fund. Application of costing methods, budgeting procedures, the use of audit department accounting for local government, educational and health institutions. Planning, Programming Budgetary System (PPBS). Recent developments and issues, the public sector implication of ECOWAS, effect of restructuring public sector etc. Public audit and accountability. National income and social accounting. Introduction to International Public Sector Accounting.

ACC 682 Principles of Finance

3 Credits

Introduction to flow of funds analysis and the concept of cash flow as applied to the firm.

ACC 684 Small Business Finance

3

Credits

This course focuses on the nature and operational character of the small business in Nigeria in terms of its social-economic significance, operational procedures and problems. Topics covered include: The nature of Small Business, Incorporating and starting a small Business in Nigeria, Idea Generation for a Small Business, Raising Small Business Finance and the Small Scale Industries Credit Scheme, Investment Strategies for the Small Business, Production Management, Marketing

and Personnel Administration in the Small Business, Ensuring cost-effectiveness and greater productivity, Planning for growth in the Small Business, Succession Crises, Problems and Future of Small Business in Nigeria

ACC 692 – Research Project Report 4 Credits

Each candidate would be required to carry out research project in accounting related topics.

2.2 Masters of Business Administration (MBA) in Accounting

(a) List of Courses

Students are required to register for a minimum of eighteen (18) credits and a maximum of twenty-four (24) credits for full-time and a minimum of seven (7) credits and a maximum of eleven (11) credits for part-time students per semester except the last semester.

The Courses for registration are as follows:-

First Semester

Course Code	Course Title	Credit Units
1. AMB 711	Intro. to International Financial Reporting Standards (IFRS)	3
2. AMB 721	Financial Accounting	3
3. AMB 741	Management Information System	3
4. AMB 751	Public Sector Accounting	3
5. AMB 761	Applied Quantitative techniques to Decision Making	3
6. FMB 701	Management Theory & practice	3
7. FMB 711	Managerial Economies	3
8. FMB 731	Entrepreneurial Development	3
9. FMB 741	Strategic Management	1
Total		27

Electives

FMB 721	Organizational Behaviour and Analysis	3
AMB	Company Law	3

Second Semester

1. AMB 712	Cost Accounting	3
2. AMB 714	Financial Accounting II	3
3. AMB 714	Financial Accounting II	3
4. FMB 702	Nigerian Business Environment	3
5. FMB 712	Management Finance	3

6.	FMB 742	Strategic Management II	3	
7.	FMB 772	Marketing Management	3	
8.	FMB 782	Research Methods		3

9.	FMB 792	Production and Operation Management	3	Total
			27	

Electives

AMB 702	International Business Management	3	
AMB 722	Organizational Design and theory	3	

Third Semester

1.	AMB 703	Advanced Accounting Theory		3
2.	AMB 713	Management Accounting		3
3.	AMB 723	Auditing and Assurance		3
4.	AMB 731	Taxation	3	
5.	AMB 753	Corporate Finance and Accounts		3
6.	AMB 783	Investment Analysis and portfolio Management		3
7.	AMB 792	Seminar in Accounting		

Total				19
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Electives

AMB 702	International Accounting			3
AMB 713	International Finance			3

Fourth Semester

AMB 794	Research project			6
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Part – Time

First Semester

FMB 711	Managerial Economics		3	
AMB 741	Management Information System			3
FMB 731	Entrepreneurial Development			3
FMB 741	Strategic Management I			3

Total			12	
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Electives:-

FMB 721	Organizational Behaviour and Analysis		3	
AMB 773	Company Law			3

Second Semester

AMB 761	Applied Quantitative Techniques to decision making			3
AMB 751	Public Sector Accounting			3
FMB 701	Management Theory & Practice			3

Total			9	
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Third Semester

AMB 712	Cost Accounting			3
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of financial statements for sole traders. Incomplete records. Accounts of non-profit making organizations of such as clubs and religions organizations. The nature of partnerships and legal aspects; accounting for partnership form of business ownership –fixed and fluctuating capital systems of partnership business. Admission and retirement of a partner. Accounting for specialized transaction such as joint ventures, consignment, Accounts for Royalties, Hire purchase, Containers Accounts.

AMB 711 –Introduction to IFRS

3

Credits

Conceptual Framework for Financial Reporting

IFRS I-First time adoption of IFRS

IAS I-presentation of financial statement

IAS 2-Investories

IAS7- Statements of cash flows.

IAS 18 Revenue

IAS 23 Borrowing Costs

IAS 26 Accounting and Reporting by Retirement Benefit Plan

IAS 33 Earnings per Share

IAS 36 impairment of Assets

IAS 38 Intangible Assets

Application to IFRS in the preparation and presentation of published financial statements,

AMB 714 –Financial Accounting II

3

Credits

A short historical survey of company accounting and evolution of the concept of limited liability, legal and accounting requirements with regard to formation and dissolution of companies, banks and insurance companies with special reference to relevant legislations. Accounting for the Issus of shares, and redemption of debentures. Treatments of income tax in published company accounts, published

accounts. Business combinations.

AMB711-Financial Reporting

3

Credits

Institutional Framework for financial reporting, nature of multinational enterprises, types of multinational enterprise in Nigeria. Uniformity in accounting standard and presentation .Foreign currency conversion and transaction. International Accounting standard (IAS) up to date. Preparation and presentation of extracts from financial statements. Interpretation of financial statements. The environment: corporate, professional and regulatory. Corporate governance

FMB 731: Entrepreneurial Development

3

Credits

The main objective of this course is to expose participant to opportunities and ideas that may equip and encourage them to establish their own businesses. Topics covered include: Factors involved in starting a new business, the role of entrepreneurship in new business development , theories of entrepreneurship development: the entrepreneurship team, comparative analysis in Nigeria, Africa, other countries and other continents; the role of governments in entrepreneurship developments and societal values, case studies.

AMB 761 Applied Quantitative Techniques to Decision Making

3

Credits

The course is intended to expose participants to concepts and techniques of quantitative analysis which management can use for decision making. Topics covered include functions and graphs linear and quadratic equations inequalities: systems of equations, inventory control, types of control system, EOQ model, safety stock and re order level. Linear programming, Regression and correlation analysis, derivatives of functions calculus, matrix and determinant, mathematical expectations and probability distributions.

FMB 711 Managerial Economics

3

Credits

This course is designed to give participant a deeper understanding of how management applies price theory in making decision for the firm. Essentially, the course integrates Micro-economic theory with accounting, finance, and marketing

and production management. Topics covered include: demand analysis and forecasting theory of cost and production, quantitative cost analysis, investment decision, capital budgeting and any relevant current topics

AMB 741 Management Information System

3

Credits

An overview of MIS, the role of MIS in an organization, alternative taxonomies of information systems, modes of processing, and the management levels. Humans as information processors, system concept and information for decision making, structure of management information, impact of information system in an organization, computer system]in business, systems development, hardware, software and operating systems, information processing, data security, network facilities and user needs.

AMB 751 Public Sector Accounting

3

Credits

Government and institutional requirements of accounting information, accounting reporting in public sector, methods of accounting for local governments, schools, hospitals and corporations, financial planning in the public sector, cost benefit analysis, output measure and performance evaluation, budget planning and control, the liquidity problem and management, Government Audit Departments, Revenue Generation, and Control.

FMB 741 Strategic Management 1

3

Credits

Examine the approaches and policy formulation, implementation, evaluation, and the key problems which affect the character, growth and success of the organization as an entity. The lectures, case and reading should aim at drawing the attention of participants to the role of key players as well as to appropriate techniques for analysis and methods of implementing changes in complex situations which typically confront the chief executives. The course is interdisciplinary, integrative and to some extent, general in nature. Topics covered include the nature of business organization and derivation of corporation objectives the owners, the management and creditors. The concept of business policy and corporate strategy. Evaluation of strategic thinking, conceptual

approaches to strategic planning, organizational structure and strategy.

FMB 701 Management Theory and Practice

3

Credits

Applications of theories and concepts of management to enable participants have a comprehensive understanding of theories and assumption concerning business managers today. Topics covered include: Environment of management in developed and developing nations, state intervention, culture, religion and political ideology, implications of scarcity, low wages and underdeveloped markets. Different patterns of organizations, financing, industrial relations and personal practices. Small and large firms in developing nations, the role of multinationals. The importation and development of technological and management skills, technology transfers and concept of appropriate technology. Management and economic development.

FMB 721 Organizational Behaviour and Analysis

3

Credits

The course is intended to provide the participants with a deeper understanding of the behaviour of individuals and groups in the organization and factors that affect their behaviour, group intersections and sociometry analysis, job analysis communication, leadership and leadership theories, organization structure, development, change, conflict, stress and management, analysis of private, public and multinational organizations such as banks, UACN, PHCN, NNPC, ECOWAS, OAU, UN etc.

AMB 773 Company law

3

Credits

Legal history of company law in England and Nigeria. Definition of company. Legal classification of companies: (a) classification of registered companies (b) Nature and effect of memorandum of Association and Articles of Association. Consequence of incorporate. Promotion and floatation of companies: (a) liability of promoters (b) Raising and maintenance of company capital. Corporate capacity and the doctrine of ultra vires. Lifting the veil of incorporation. Distribution of corporate powers and its regulations: (a) Allocation of company Powers (b) General Meetings and Resolutions (c) Directors' Duties, election/ appointment and

removal (d) Enforcement of Directors' Duties. Accounts and Audit. Winding up.

AMB 712 Cost Accounting

3

Credits

The nature and scope of cost Accounting systems, costing terminologies, classification and codification of cost. Cost behaviour. Material Costing. Labour costing and methods of remuneration. Overhead cost accumulation, allocation and absorption. Integral Accounting. Costing Methods.

FMB 742 Strategic Management II

3

Credits

This course is designed to expose the students to the management of the marketing process and a whole range of marketing decisions which management may take from time to time concerning the market in which the firm is operating or want to operate. Topics covered includes the management of the marketing mix variable, strategic market analysis. Market measurement, market planning creation and maintenance of competitive advantage and consideration of the impact of the global economy of the marketing activities of the firms.

FMB 782 Research Methods

3

Credits

The basic objective of this course is to provide the basic framework for conducting research in the field of business management and to expose the student to the concept of the scientific methods. Topics covered include: Preparing the research; method of drawing conclusion; the research title, the research proposal; Defining the research problem, the research questions; the research objectives; the research; the research hypothesis; the role of theoretical foundations; the role of research hypothesis and the relationship among research question; their objectives and research hypothesis. The research sample and sample methods; data requirements and methods of collecting the required data, types of data; parametric and non-parametric data; choosing the appropriate tools of analysis; data analysis and presentation.

FMB 702 Cameroon Business Environment

3

Credits

The basic objective of the course is to examine the legal and social framework

within which business organizations must operate and the role of federal government in creating conducive environment for Cameroon business in Cameroon. Topics covered include: Company and Allied Matters Decree of 1990 and as amended; BOFID and other regulated legislation. The course will also address ethical theories in business decision and theoretical or practical issues of the Cameroon Political Economy which dictates the basis of fiscal and monetary policies vis-à-vis financial regulations and deregulations. Federal Government Development Plan with particular emphasis on the objectives of such plans, decree relating to industrial and other development matters, establishment of financial institutions.

FMB 792 Production and Operations Management

3

Credits

Managerial activities in planning, coordination and control of industrial enterprise. Topics covered include: the nature and significance of operating system and operations management, analysis and synthesis of operations management, classification of production systems, managing the labour force, manage the materials system, managing the process of production planning and control, planning the conversion system, organizing the conversion system controlling the conversion system. The measurement and problems of performance planning and control. Relevant case studies are used extensively combine with careful arrears of industrial interest.

FMB 712 Management Finance

3

Credits

The course is designed to give artefacts a deeper understanding of the following areas: and overview and objective of management finance, management of current asset, sources of capital, theory of capital structure. Nigerian Financial and Capital Markets, capital investment appraisal, cost of capital, portfolio theory and analysis, dividend policy, valuation of the firm, tools for financial analysis, the Nigerian Stock Exchange, valuations of shares and any relevant current topics.

FMB 702 International Business Management

3

Credits

This course is designed to expose participant to the nature of international

business and the salient aspect of managing and international business. Topics covered include; meaning and commercial terms of international business, mechanics of international business, organization for foreign production, marketing, financing, foreign markets, resources, institutions, risks inherent in international business, methods of settling international business, finance of international business,, functions of officials and non-official bodies in Nigeria that assist international business, managerial problems arising out of governmental relations, cultural differences in management applications, management of multinational corporations and integration of domestic business, functions in international operations.

FMB 722 Organizational Design and Theory

3

Credits

The course is introduced to give participants an overview of major issues confronting managers in structuring their organizations and managing organizational behaviour, traditional and modern themes of organization, the behavioural consequences of alternative organizational designs and internal organizational systems, problem involved in goals, structures, growths, power, authority, communications and control are discussed, the relationship of authority, responsibility and its delegation are also considered, participants are called upon to diagnose organizational functions, analyse deficiencies, and determine ways of changes organizational structure to realize goals.

AMB 793 Seminar in Accounting

3

Credits

The main of the course is to encourage students to research and present paper on topics in their areas of specialization. The coordinator of team leader is expected to guide the student in the process.

AMB 753 Corporate Finance

3

Credits

The course is designed to introduce student to such areas as: corporate goals and objectives, sources of funds, the financial markets, the Nigerian stock exchange, invested in risky assets, project valuation and appraisal, capital rationing, financial planning, the management of assets, valuation of assets, capital structure and

dividend policy, management of asset portfolios, business failure and reorganization.

AMB 713 Management Accounting

3

Credits

Focuses on how to apply analytical reasoning and use of formal models in handling cost and management accounting problems and issues. Cost estimation. Cost volume profit analysis pricing decisions: Standard costing and variance investigation. Marginal costing. Relevant costing. Application of Marginal Costing in decision making. Budgetary control. Linear programming application to marginal costing. Cost and strategic management accounting.

AMB 703 Advanced Accounting Theory

3

Credits

The methodology of accounting theory, deductive, pragmatic and communication approaches. A brief history of the development of accounting theory. Users of accounting information's. Concept of income measurement, amalgamation and reconstruction. Consolidated account. Current cost accounting, inflation account of fixed asset valuation, funds flow statement and the advanced interpretation of the financial statement. Accounting policies discursion, conventions and their implementations. Accounting for associated companies, stocks and work in progress accounting. Accounting for intangible asset and research and development expenditure. Discounting requirement of company act 1968. Accounting for investment, hire purchase; bill of exchange; foreign exchange currently; branches and royalties; and partnership account.

AMB 723 Auditing and Assurance

3

Credits

Auditing and assurance is designed to enable auditing students to comprehend and applied auditing to business operations. Areas to cover will include: fundamentals and principles of audit. Regulatory and ethical issues. Risk assessment, materiality, and evidence. Internal audit and control. Audit planning and control procedure. Financial statement auditing. Substantive procedures. Statistical and non-statistical sampling tools for auditing. Auditing business processes. Public sector audit. Issues in audit practice. Quality control in audit

and assurance reports.

AMB 783 Investment Analysis and Portfolio Management 3

Credits

The course examines investment analysis and portfolio management through the study of the nature and function of security markets, and techniques of stock and bond analysis. Topics covered include: economics and industry studies, company analysis, selection of senior securities, theory and application of common stock valuation model, security market and timing, portfolio management, option and future markets, efficiency hypothesis and portfolio theory, capital asset pricing theory, Arbitrage Pricing Theory, Implications and dual Listing on Abuja and Lagos Stock Exchange.

AMB 731 Taxation 3

Credits

Topics covered include: Types of taxes, tax as a source of Public Funds, Tax planning and Tax Administration, Process by which Federal Taxes are Accessed, Individual and corporate Taxation, Taxation of Nationals and Foreigners, Multinational operations and taxation, Consolidated Tax Returns, Partnerships, Special Problems in Tax Accounting and Tax Reforms Proposals.

AMB 702 International Accounting 3

Credits

International Dimension of Accounting and Financial Reporting Practices. Comparative Patterns of Accounting Development. Currency Transactions.

FMB 713 International Finance 3

Credits

Theories and Practices of Financing Cross border operations of multinational businesses. International. Dimensions of the Finance Functions. International and regional financial institutions. Balance of payment and adjustments. Development of world trade. International money and capital markets. Instrument of international financial management.

AMB 794 Research Project 6

Credits

The main aim of a research project is to encourage students to research and

present projects on topics in their area of specialization. The coordinator is expected to guide the students in the process.

2.3 Masters of Science (M.Sc) In Accounting Degree Programme

List of Courses

First Semester – Core courses

S/N	Course code	Course Title	Credit
		Units	
	AMS 701	Financial Accounting Theory	3
	AMS 703	International Financial Reporting Standards (IFRS)	3
	AMS 705	Advance Financial Accounting	3
	AMS 707	Advance Cost Accounting	3
	AMS 709	International Accounting	3
	AMS 721	Auditing Theory	3
	AMS 751	Public Sector Accounting	3
	AMS 781	Corporate Finance	3
	Total		24

Electives

AMS 771	Management of Financial Market and Institution	3
AMS 783	International Business Finance	3
AMS 785	Management Theory and Practice	3

Second Semester – (Core Courses)

AMS 702	Advance Financial Reporting and Ethics	3
AMS 704	Forensic Accounting and Fraud Management	3
AMS 712	Management Accounting Theory	3
AMS 722	Management Information System	3
AMS 732	Taxation Theory and Practice	3
AMS 742	Economic Theory	3
AMS 792	Research Methodology	3
	Total	21

Electives

AMS 714	Oil and Gas Accounting	3
AMS 752	Public Finance	3
AMS 762	Accounting Standards	3

AMS 772	Business Policy and Strategic Management	3
AMS 782	Portfolio Theory and Investment Analysis	3

Third Semester

AMS 733	M.Sc. Seminar	3
AMS 713	M.Sc. Research Proposals	3
AMS 723	Thesis	6

Course Description

AMS 701 – Financial Accounting Theory & Practice	3
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Credits

A review of basic accounting procedures, including the rationale of financial accounting and the economic foundations of accounting generally. Elements of the history of accounting. Working Papers and the interpretations of financial statements, including the analysis of working capital and statements of the sources and application of funds and cash flows. Generally accepted accounting principles and net income concepts, including the valuation of inventory and work-in-progress. The theory and techniques relating to financial position categories including cash, receivables (debtors), inventories, investments, tangible and intangible non-current assets, liabilities and reserve, elements of the impact of price-level changes on financial statements.

AMS 703	International Financial Reporting Standards (IFRS)	3
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Credits

Application of IFRSs in the preparation and presentation of financial statements; IFRS 1- First time Adoption of IFRSs. IFRS 3- Business Combinations. IAS 1- Presentation of Financial statements. IAS 2- Inventories. IAS 7- Statement of Cash Flows. IAS 8- Accounting Policies, Changes in Accounting Estimates and Errors. IFRS 8 Operating Segments. IFRS 10- Consolidated financial statements. IAS 27 Consolidated and Separate Financial Statements. IAS 28 Investments in Associates. IAS-33 Earnings per Share. IAS 34 Interim Financial Reporting. IAS-36 Impairment of Assets. IAS-38 Intangible Assets.

AMS 705	Advance Financial Accounting	3 Credits
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Designing of financial accounting entries for different organizations. Advanced problems on partnership accounts. Published company accounts. Branch account extending to Independent branch. Group accounts, consolidated financial position, Mergers and Re-organizations. Foreign currency transactions. Inflation accounting .An outline of the history of accounting concepts axioms postulate in accounting. Accounting standards, the concepts of income and income measurement in accounting. Criticisms of the conventional financial system. Accounting for cooperate social responsibility. Introduction to comparative study of accounting system.

AMS 707 Advance Cost Accounting **3 Credits**

Cost classification and codification. Material, Labour, and Overhead Cost Control. Treatments of Losses as applicable to operations. Integral accounting. Uniform costing. Cost Reduction. Activity Based Costing. Backflush Costing. Theory of operational Efficiency in Cost Accounting. Cost Audit.

AMS 709 - International Accounting	3
Credits	

International dimensions of Accounting and Finance reporting practice.
Corporative patters of accounting development. Currency translations.

AMS 721 – Auditing Theory3 Credits

Advanced principles in external and internal auditing, practices and techniques; principles and practice of internal control: the auditor's report audit programme, auditing standards, professional ethics. Complete cycle of audit and assurance process in auditing. Fundamentals and principles of audit. Regulatory and ethical issues. Internal audit and control. Substantive procedures. Scope of assurance. Due diligence. Forensic audit and assurance. Risk assessment, Materiality and Evidence. Statistical and non-statistical sampling tools for auditing. Computer frauds management audits. Specialised audits and Investigations. Local and International Legislations affecting Audits.

AMS 751 – Public Sector Accounting 3 Credits

Basic accounting for non-profit organization; basic characteristics of government accounting in Nigeria; the treasury; audit department; consolidated revenue fund; International public sector accounting standards. Principles of Accounting and

financial reporting for no-profit making organization. Budgetary and control procedures for government units and other non-profit making organization, Fund accounting, financial statement analysis.

AMS 771 – Management of Financial Market and Institution 3

Credits

The structure of the Nigerian financial system. Banking and non-banking institutions, money and capital markets. Introduction to international system. Management of financial institutions

AMS 781 – Corporate Finance Theory 3 Credits

Conceptual framework for determining the value of a firm. Theoretical underpinnings of financial decisions. Impact of firm value of each financial decision in terms of expected returns and risk and interaction. Exploration of both current and classic literature.

AMS 783 – International Business Finance 3

Credits

Course content focuses on the government in which --- financial manager operates. You will study the risk of doing business overseas and the tools available to minimize those risks. Foreign risks, political risk, working capital management, long-term investments and financial and accounting and control are examined within this context. Theories and practice of financial cross-border operation of multinational business. International dimensions of the finance functions. International and regional financial institutions.

AMS 785 Management Theory and Practice 3 Credits

Convectional and modern conceptions of management, Definition and dynamics of management theory; levels and feature of theory in management. Applications and relevance of theory in the Nigeria context. Organization design and outline managing group processes, problems of integration and control; managing change and development. Modern issues in management theory.

AMS 702 Advance Financial Reporting and Ethics 3

Credits

The accounting environment. Component a financial reporting. Formulation of accounting and reporting policies. Ethical framework concepts and value.

Professional ethics. Ethical threats and safeguards. Corporate governance. Preparation and presentation of financial s

AMS 704- Forensic Accounting and Fraud Management

3

Credits

This course introduce the students to the investigative aspects of accounting: Topics include Ability to define and recognize the characteristics of fraud, know the various functions involved in forensic accounting, and understand the difference between the roles of independent auditors, fraud professionals, and forensic accountants. The basic concepts of fraud are also part of the core foundations: an understanding of who commits fraud and why; the legal elements of frauds; fraud prevention; deterrence, detection, and investigation techniques; common fraud schemes; the red flags; and methods of frauds remediation. Determining the necessary procedure to minimize the risk to fraud. Identifying issues in the business.

AMS 712- Management Accounting Theory

3

Credits

Roles of management accounting in this contemporary environment. Advanced cost estimation. C-V-P analysis Marginal costing in management decisions. Budgeting Behavioural aspects of management accounting. Standard costing, Variance analysis and integrated standard costing. Pricing decision. Cost management. Introductory matrix Algebra, linear programming and quadratic programming. Strategic decision in management accounting. Integrated forecasting and operating systems, planning and control of large scale projects. Employee motivation and accounting. Divisional performance and transfer pricing.

AMS 714- Oil and Gas Accounting

3

Credits

This course aim at introducing the students to the up and down streams of oil activities in Nigeria: History evaluating of oil and gas accounting for unproved properties acquisition of mineral properties, accounting for exploration, drilling and development cost, production accounting, conveyances, accounting for production sharing and service contract agreement, finding cost, petroleum profit tax,

accounting for refining and petro chemical operations.

AMS 722 Management Information System

3 Credits

This course is designed to expose students to the practical application of computers to management information processing. The course provides the steps followed in the utilization of electronic data processing (EDP) system in producing financial and management information, in feasibility studies system analysis, system design and system implementation for computerized accounting system. Among other things, the course will examine the following issues: Elements of computing mechanical and electronic, types of computers and their applications, computer programming using either COBOL or FORTRAN, data processing manual and mechanized systems, system analysis and design, evaluation and administration of MIS with emphases on computer based systems, meaning of information technology and its application in business finance management.

AMS 732 Taxation Theory and Practice

3

Credits

This course seeks to deepen students understanding of the more complex problems of tax practices and administration. Topics should include: tax planning, problems of enforcement theories should be covered. Relationship between current laws and financial accounting and reporting in Nigeria as they relate to taxation of individuals, partnerships, companies, estates and trusts, estates and gift taxation, and withholding taxes. Professional ethics and managing a tax practice, tax laws and remedies, tax payers census and ascertainment of tax bases. Appeal procedures in details assessment, collection and recovery procedures. Various tax

AMS 742 Economic Theory

3 Credits

Details in the Department of Economic

AMS 792 Research Methodology

3 Credits

Designed to equip students with the techniques for identifying research problems, planning, executing and evaluating research problems. Topics covered include the nature of scientific research, a review of research process, theory building, advanced study of experimental designs and analysis; concept of definition,

formulating hypothesis, validity and reliability ;measurement and scaling methods; concepts and problems in data collection and sampling, criteria for casual inference, studies and control groups, report writing including editing, footnoting etc; statistical inference and regression analysis; analysis of variance, non-parametric techniques.

AMS 732 – Tax Management and Accounting 3

Credits

Relationship between current laws and financial accounting and reporting in Nigeria as they relate to taxation of individuals, partnerships, companies, estates and trusts, estates and gift taxation, and withholding taxes.

AMS 752 – Public Finance 3

Credits

The nature and scope of public finance management; profit maximization, welfare maximization, value for money and accountability models. Objectives and functions of the government. Organization of the government for financial management; the functions and responsibilities of the Chief Executive and Accounting officer, the Accountant General, the Revenue Collector, the Board of Survey, the Board of Inquiry, the Treasure Cash Officer/Sub-Accountant, the Store Officer, etc. Financial and supplies; principles of sharing revenue among the tiers of government in a federal system the Nigerian experiences; sources of revenue and their relative importance, the politics of revenue allocation in Nigeria. The allocated and unallocated stores; the rationale for one establishment of allocated stores. The Nigerian public debt and its management. Funded and unfunded methods of debt payments and provision for debt repayment.

AMS 762 Accounting Standards 3

Credits

The aim of this course is to inculcate in the students the understanding of the major accounting standards bodies of the world including their history, methods and the standards they set. The Nigerian Accounting Standard Board (NASB) and the Statement of Accounting Standards (SASs); the Financial Accounting Standards Board (FASB-USA) and the Financial Accounting Standards (FASs), the Accounting Standard Board (ASB-UK) and the Statements of Standard Accounting

Practice (SSAPs), and the International Accounting Standards Board (IASB) and international financial Reporting Standards

AMS 772 Business Policy and Strategic Management

3 Credits

The course deals with the corporate Management of the business enterprise. The first part of the course focuses on the nature and dynamics of business policy, the strategy concept, missions and objectives. The rest of the course will cover the strategic planning process, stakeholder or management, techniques for strategic appraisal, SWOT, industry and competitive analysis, portfolio analysis, development of strategic options, turn over and recovery strategies, mergers, acquisitions and divestment.

AMS 782 Portfolio Theory and Investment Analysis

3

Credits

Evaluation of securities; efficiency and technical analysis, ratio analysis, profit planning, definition of capital projects, capital budgeting techniques, application of Linear Programming in Capital Project, Feasibility studies: Project Conceptualization, design market, Technical Economics analysis.

AMS 733 – M.Sc. Seminar

3

Credits

Candidate to develop, present a seminar paper on a topic of their choice but advisedly on a topic that shall form the basis of research of their destination.

AMS 713 –M.Sc. Proposal

Defense of dissertation proposal (first three chapters of dissertation) before the faculty/ department. Allowed only after successful presentation of the M.Sc. seminar. Upon a successful defence, a candidate shall be assigned supervisor(s)

AMS 723-MS.c Thesis

6 Credits

Each candidate after a successful defence of proposal shall orally define his or her computed dissertation before a panel of examiners. The dissertation must satisfy the panel that it has indeed made a significant contribution to the existing pool of knowledge in accounting and of finance.

2.4M.Sc.Taxation Programme

Full Course Outline

First Semester

		L	T	P	CU
ACC 811	Issues in Advanced Financial Accounting	3	0	0	3
ACT 811	Issues in Tax Planning, Practices and Administration	3	0	0	3
ACC 814	Advanced Statistics	3	0	0	3
ACC 816	Research Method	3	0	0	3
ACC 825	Public Sector Accounting I	3	0	0	3
ACT 818	Public Finance	3	0	0	3
ACT 812	Tax Audit and Investigation	3	0	0	3
	Elective	3	0	0	3
Total Semester Credits					24

Second Semester

		L	T	P	CU
ACT 821	International Comparative Studies of Taxation	3	0	0	3
ACC 821	Financial Accounting Theory	3	0	0	3
ACC 823	Issues and Perspectives in Auditing	3	0	0	3
ACC 822	Taxation/Accounting Seminar	3	0	0	3
ACC 828	Public Sector Accounting II	3	0	0	3
ACT 833	Tax Laws and Cases	3	0	0	3
ACC 824	Accounting Ethics	3	0	0	3
	Elective	3	0	0	3
Total Semester Credit					24

ELECTIVE COURSES: Select one only

		L	T	P	CU
ACC 812	Accounting for Managerial Control	3	0	0	3
ACF 811	Forensic Accounting Issues: an Perspective	3	0	0	3
ACF 821	Fraud Investigation: Issues, Process & Procedure	3	0	0	3

Seminar Presentation

3

Credits

ACC 830 Thesis

6

Credits

Total Semester Credits

546 Credits

Part-Time Course Outline

Term 1

L T P CU

ACC 811	Issues in Advanced Financial Accounting	3	0	0	3
ACT 811	Issues in Tax Planning, Practices, and Administration	3	0	0	3
ACC 814	Advanced Statistics	3	0	0	3

Term 2

		L	T	P	CU
ACC 816	Research Methods	3	0	0	3
ACC 825	Public Sector Accounting I	3	0	0	3
ACT 818	Public Finance	3	0	0	3

Term 3

		L	T	P	CU
ACT 812	Tax Audit and Investigation	3	0	0	3
ACT 821	International Comparative Studies of Taxation	3	0	0	3
ACC 821	Financial Accounting Theory	3	0	0	3

Term 4

		L	T	P	CU
ACC 823	Issues and Perspectives in Auditing	3	0	0	3
ACC 828	Public Sector Accounting II	3	0	0	3
ACT 833	Tax Laws and Cases	3	0	0	3

Term 5

		L	T	P	CU
ACC 822	Taxation/Accounting Seminar	3	0	0	3
ACC 824	Accounting Ethics	3	0	0	3
ACC 830	Thesis	6	0	0	6

ELECTIVE COURSES: Select one only

		L	T	P	CU
ACC 812	Accounting for Managerial Control	3	0	0	3
ACF 811	Forensic Accounting Issues: an Perspective	3	0	0	3
ACF 821	Fraud Investigation: Issues, Process & Procedure	3	0	0	3

Course Synopses

ACC 811 Issues in Advanced Financial Accounting **3**

Credits

This course seeks to deepen students' understanding of the more complex problems in Financial Accounting. Emphasis is placed on developing broad conceptual and analytical skills rather than on book-keeping. Topics include problems of depreciation and inventory valuation; treatment of research and development costs; the measurement of goodwill; branches and subsidiaries and

their translations, re-organizations and business combinations (mergers and acquisitions); consolidated accounts and reports; price level accounting, etc. Ample references will be made to prevailing national and international accounting standards and to important professional and other authoritative pronouncements.

ACT 811 Tax Planning, Practices and Administration

3

Credits

This course seeks to deepen students understanding of the more complex problems of tax practices and administration. Topics should include: Tax planning, problems of enforcement of tax laws and remedies, tax payers census and ascertainment of tax bases. Appeal procedures in details, assessment, collection and recovery procedures. Various tax theories should be covered. Professional ethics and managing a tax practice.

ACC814 Advanced Statistics

3

Credits

The objective is to provide the students with econometric tools that will be useful in their research efforts. The course begins with the basic probability theory, descriptive data analysis, statistical inference and simple regression analysis, and so on. It then moves to econometrics proper including properties of estimator, test of significance test, simultaneous equations, heterosdasticity, auto-correlation, multicollinearity, identification and specification problem, distributed lag models, and the use of dummy variables and time.

ACC 816 Research Methods.

3

Credits

The course is designed to equip students with the techniques for identifying research problems, planning, executing and evaluating research problems. Topics covered include the nature of scientific research, a review of research process, theory building, advanced study of experimental designs, and analysis, concept of definition, formulating hypothesis, validity and reliability; measurement and scaling methods, concepts and problems in data collection and sampling, criteria for causal inference, studies and control groups, report writing including editing,. Footnoting etc; statistical inference and regression analysis, analysis of variance, non-parametric techniques.

ACC 825 Public Sector Accounting I**3****Credits**

This course covers topics such as above and below the line items, financial transactions recording in public sector, public accountability and preparation of financial statements, roles of Accountant General Auditor – General and Public Accounts Committee/National Assembly in the process of public accountability and roles of IPSAC and INTOSAL

ACC 818 Public Finance**3 Credits**

This course will cover topics such as: Overview of welfare economics; Market failure and the rationale for government intervention; public expenditure theory (resource allocation mechanisms, public choice theory, theories of public expenditure growth, public expenditure policy in Africa, public enterprise pricing); cost benefit analysis, investment rules and government failures; theory of taxation (overview of a good tax system, the incentive effects of taxation, theory of optimal taxation); tax policy (tax design and structure, tax administration, tax reforms); Inter-governmental fiscal relations (principles of inter-governmental relations. Assignment of functions: Expenditure and tax assignments. Revenue sharing mechanisms/inter-governmental grants and transfers: The African experience); Public debt (Domestic and external debt: Causes, Management and financing. Overview of external debt in Africa and HIPC initiatives).

ACT 812 Tax Audit and Investigation**3 Credits**

This course seeks to deepen students understanding of the more complex problems of tax audit and investigation. Topics should include: tax auditing principles, planning tax audit and investigation; controlling and recording an audit, interview techniques; audit evidence techniques and procedures; statutory powers of the tax auditors; and tax audit report writing.

ACT 821 International Comparative Studies of Taxation**3****Credits**

This course seeks to deepen students understanding of the more complex problems in international comparative studies of taxation. Topic include: comparison of tax laws of different economies; double taxation agreement (DTA); taxing rights under DTA; OCED model tax convention; UN model tax convention;

International traffic, taxation of e-commerce; tax haven; regional cooperation in tax matters; and mutual assistance in collection of tax.

ACC 821 Financial Accounting Theory

3 Credits

A critical study of the general body of concepts and theory which underlie the measurements, preparation, presentation and interpretation of financial accounting statements with particular emphasis on their (structural) coherence, their interpretational (semantics) validity and their behavioural implications. Topics include approaches to the formulation of theory in accounting, nature of the objectives in financial accounting, history and development of accounting, some problems in the measurement of business income, value and capital, the need for accounting standards and so on. Contemporary proposals for expanding the scope of corporate reports (e.g human resource accounting, accounting for cost of capital, cash flow accounting, segmental reporting, and publication of forecasts, corporation social accounting, and environmental accounting and so on) will also be discussed.

ACC 822 Taxation/Accounting Seminars.

3

Credits

The candidates are expected to produce three seminar papers in taxation.

ACC 828 Public Sector Accounting II

3

Credits

A study of the special problems which arise in the planning and control of financial resources in public sector organizations, government companies, boards and corporations (utilities). Issues examined include, the role of public enterprise procedures for making investments and pricing decisions, and the constraints of these decisions; of these decisions; government budgeting and accounting systems; relationship between public enterprise and government; and the factors which tend to impede performance in this sector. The rationale, problems and prospects of privatization and commercialization of government business will also be considered. International comparisons will be drawn where relevant.

ACC 823 Tax Laws and Cases

3

Credits

This course seeks to deepen students understanding of the more complex

problems of tax law and cases. Topics should include: national, state, and local government laws such as PITA, CITA, PPTA, CGT, VAT, education tax and so on. Decided cases should be examined by the students.

ACC 812 Accounting for Managerial Control

3 Credits

Focus is on the development and use of accounting information for planning, Coordinating, and controlling work in varying situations. Topics include cost accounting as an internal information plan needed for managerial decisions, cost accounting measurement, budgeting and analysis of variance, cost behaviour and cost estimation; responsibility accounting and the contribution approach; cost allocation problems and relevant cost analysis for problem solving; pricing in product – combinations; cost-volume-profit relationships; cost approaches to inventory control; information demands by advanced by manufacturing techniques; advanced capital budget problems; standard and flexible budget, behavioural problems of budgeting;etc. Transfer pricing and performance evaluation in divisionalised concerns and computer applications in management accounting will also be studied. Emphasis will be placed on the application of mathematical and statistical techniques in analysing and presenting accounting information for managerial decisions.

ACF 811 Forensic Accounting: Issues & Perspective

3

Credits

The course introduces students to recent developments especially in area of expanded and specialized auditing and investigation functions. Meaning, Scope, development and relevance and comparison of forensic accounting with traditional auditing. Forensic accounting with traditional auditing. Forensic Accounting functions and services and auditing skills. Forensic and Investigative Accounting, Economic crimes in audit and financial statements, Corporate fraud, White-collar crime in government organizations, Forensic auditing, Fraud prevention plans, Forensic accounting and law, Litigation support services, The role of Forensic accountant, Professional Skills and Standards, Documentations and Reporting etc. Expert opinion/Expert Witness, case study presentation project. The projects will involve analyzing real-world “case” information as well as Corporate and business records to determine if fraud has occurred. Students will

mimic Investigative process found in practice by conducting analytical reviews. Soliciting information from clients, and reporting suspicious activities for a fictitious client company. Finally, the students will testify to their findings in a mock court scenario.

ACC 824 Accounting Ethics

3

Credits

The Nature and Development of Professional Ethics, Fundamental Elements of Accounting Profession and Principles of Professional Ethical Code, Self-Regulation & Professional Ethics. Professional Independence and Objectivity, Ethical Issues in Professional Accounting Practice, Audit Engagement, Conflicts of Interest and Confidentiality, Ethics Tools, Ethical Guidance for Non-accounting services, Ethical Guidance for members in Business, the Nature of Business ethic, the ethical code of Business, enforcement of code of ethics & Financial reporting council.

ACF 821 Fraud Investigations: Issues, Process & Procedure

3 Credits

The objectives of this course is an emphasis on the conduct of fraud examinations, including a discussion of specific procedures used in forensic accounting examinations and the reasoning behind the use of these procedures. Coverage extends to detection, investigation, and prevention of specific types of fraud committed against organizations and individuals.

ACC 823 Issues and Perspective in Auditing

3

Credits

Intensive study of auditing statements in auditing standards and pronouncements of professional issues, Application of theory to specific problems using relevant case studies. Current professional issues in auditing, problems of TNCs and MNCs audits, Computer auditing, Statistical Sampling and professional ethics and practice, Audits and audit procedures, Qualifications & responsibilities of auditors, impact of government agencies in auditing, current & emerging problems in auditing. A description of some of the major contemporary issues in auditing theory and practice. Reference will be made extensively to Auditing standards applicable in Nigeria, the United Kingdom and the United States of America and as

published by the International Federation of Accountants. Topics include, objectives of auditing (the shareholders or the general public); ethical issues relating to fees, advertising, confidentiality, independence, objectivity, etc; application of statistical techniques in Auditing; auditors' responsibility under Securities and Exchange Commission and Stock Exchange Regulations, audit of computer-based systems; change of auditors; the increasing use of audit committees; management auditing; audit of social accounts and service organization, including financial institutions.

ACC 830 Thesis

3 Credits

Students are to select thesis topics reflecting their options. Contemporary issues in accounting and taxation will form the focus of exploration.

2.5Ph.D Programme in Accounting

First Semester

Course Code	Course Title	Credit Unit
ACC 801	History of Accounting Thought	3
ACC 803	Adv. Accounting theory & fin reporting	3
ACC 813	Adv. Research Methods in Accounting	<u>3</u>
Total		9

Elective

ACC 811	Management Accounting Theory and Decision Making	3
ACC 831	Tax theory and their Business Applications	3
ACC 843	Advanced IT Applications	3

Second Semester

Course Code	Course Title	Credit Unit
ACC 822	Advanced Auditing Theory and Practice	3
ACC 832	Contemporary Issues in Accounting	3
ACC 842	Advanced Management Theory	3
Total		9

Elective

ACC 884	Advanced Theory of Corporate Finance	3
ACC 862	Environmental Accounting	3
ACC 852	Public Sector Accounting	3

ACC 821	Strategic Management core	3	
Second and subsequent semesters- (Ph.D. Programme)			
ACC 892	Doctoral Seminar 1		3
ACC 878	Doctoral Proposal		
ACC 898	Dissertation	12	
			15

Courses Description

ACC 801	History of Accounting Thought	3
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Credits

The nature and scope of accounting and its evolution; The Accounting function and its relationship with the information systems of organizations. Accounting procedures and systems. Source documents, books of original entry and books of accounts. Double-entry book-keeping system s, the trial balance, accruals, prepayments and adjustments. Provision and reserves, classification of expenditure between capital and revenue, methods of recording accounting data- manual and mechanical; manufacturing, trader. Accounting treatment of control accounts and bank reconciliation.

ACC 803 - Advanced Financial Accounting Theory	3
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Credits

Further work on advanced company accounts including the accounts of banks and insurance companies, and the Nigerian Insurance Acts. Valuation of goodwill and company shares. Divisible profits and company dividends. Royalty and hire-purchase accounts. Consolidated and other group accounts. Elements of mechanized accounting, including the application of computer and related systems to business accounts. Governmental, municipal and public utility accounting, with special reference to Nigerian organizations.

Seminars on accounting systems, including business, governmental, municipal and public utility accounting systems.

ACC 813- Advanced Research Method in Accounting	3
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Credits

Advanced Research Methodology

Introduction to research methodology, Research in Social Sciences, Research in Physical and Natural sciences, Problems of Research in Developing countries, Common errors in research, Research in Practice:

- a) Problem identification
- b) Literature review
- c) Materials and methods (methodology)
- d) Results (Data Analysis)
- e) Discussions
- f) Summary, Conclusions and Recommendations.
- g) Report writing

ACC 811- Management Accounting Theory and Decision-Making 3 Credits

Theory of management accounting and its relationship to the supporting disciplines of managerial and information economics, finance, measurement psychology and sociology. The role of the management accountant in the information age including design, implementation and control of management, control systems in the information age including behavioural and social issues.

ACC 831- Tax Theory and their Business Applications 3 Credits

Accounting under current tax laws in area of income, inherent and gift taxes affecting all type of business organization, capital structure, policies, operation and expansion

ACC 843Advanced IT Applications 3 Credits

Emphasis on this course will be computer simulation which is a tool in the study of variety of complex business and social systems. Topics include modeling and management information systems. Other areas covered include job shop scheduling; inventory and queuing systems and management games. Examples will be drawn from business, health, and public and education administration

ACC 822- Advanced Auditing Theory and Practices 3 Credits

Development of auditing, principles, procedures and conceptual approaches to the auditing process, stressing auditor's involvement with internal control, audit standards computer assisted auditing techniques and sampling. Significant legal

cases and professional reporting.

ACC 832 Contemporary Issues in Accounting 3 Credits

The course is designed for students interested in accounting and financial control of international operations. It involves preparation, translation and analysis of financial statements for companies that have branches of foreign multinational companies.

ACC 842 Advanced Management Theory 3 Credits

This course aims at introducing students to the advanced theories and practice of management accounting in decision making process.

ACC 862 Environmental Accounting 3 Credits

This course has the aim of inculcating in students the idea of cost and control processes of the effects productive activities on the environment.

ACC 852- Public Sector Accounting 3 Credits

Principle of accounting and financial reporting for Non-profit making organizations. Budgetary and control procedures for Government units and other non-profit making organizations. Fund Accounting, Financial Statement Analysis.

ACC 821 Strategic Management core 3 Credits

The course deals with the corporate management of the business enterprise. The first part of the course focuses on the nature and dynamics of business policy, the strategy concept, missions and objectives. The rest of the course will cover the strategic planning process, stakeholder or management, techniques for strategic appraisal, SWOT, industry and competitive analysis, portfolio analysis, development of strategic options, turn over and recovery strategies, mergers, acquisitions and divestment

ACC 884- Corporate Finance Theory and Management 3 Credits

Conceptual framework for determining the value of a firm. Theoretical underpinnings of financial decisions. Impact of the firm's value of each financial decisions in terms of expected returns and risks and interactions. Exploration of both current and classic literature.

Doctoral Seminar 3 Credits

ACC 892- Doctoral Seminar 1

One seminar paper on a topic of candidate's choice. Allowed only after passing all prescribed core courses and in good academic standing.

ACC 892- Doctoral Seminar II

A pre-viva seminar paper by each doctoral candidate on a topic of candidate's choice. Invariably at this stage the thesis topic). Allowed only after successful proposal defence. The objective is to give the doctoral candidate the opportunity to present his/her findings for internal assessment in readiness for the final thesis oral defense.

ACC 878- Doctoral Dissertation Proposal

Defense of thesis proposal (first three chapters of thesis) before the faculty. Allowed only after successful presentation of seminar 1. Upon successful defense, a candidate shall be assigned two supervisors: a main supervisor and assisting supervisor. The candidate can only proceed to the main thesis research after making the necessary corrections arising from the proposal defense to the satisfaction of the supervisor(s).

ACC 898- Doctoral Dissertation

12 Credits

Each doctoral candidates, after successful doctoral seminar II, shall orally defend his or her completed thesis before panel of examiners. The thesis which shall be an in depth and original investigation into a well-defined theoretical or practical problem(s) in accounting must satisfy the panel of examiners that it has indeed made a significant contribution to the existing pool of knowledge in accounting.

2.6 Banking and Finance

2.6.1 Pre-Master in Banking and Finance

Programme Structure

The programme is made up of 12 courses and one long essay. Six courses are offered during the first semester while six courses and a long essay are offered during the second semester. All courses are assigned 3 credit units. The long essay carried 4 credits.

Post Graduate Diploma (Pre -Master).

Courses for First Semester

BAF 601	-	Principles of Finance		3
BAF 603	-	Principles of Accounting	3	
BAF 605	-	Principles of Management	3	
BAF 607	-	Principles of Microeconomic		3
BAF 609	-	Fundamentals of Marketing		3
BAF 611	-	Financial Institutions and Markets		3
BAF 613	-	Business Finance	3	

Courses for Second Semester

BAF 602	-	Quantitative Tech. for Finance Decision	3	
BAF 604	-	Principles of Macroeconomics	3	
BAF 606	-	Research Methodology	3	
BAF 608	-	investment Analysis and Portfolio Management		3
BAF 610	-	Micro and Small Business Financing		3
BAF 612	-	Regulation of Financial Institutions		3
BAF 696	-	Research Project	6	

2.7 Master of Business Administration (MBA) in Banking and Finance.

Objectives/rationale of the programme

- 1 To provide an in-depth understanding of the various programmes in the disciplines.
- 2 To provide training in research for the whose future careers will be in teaching and research at the university and other institutions and for those who may have to operate in research and development environment in the public private sectors.
- 3 To provide training aimed at improving and upgrading the existing in potential manpower needed for national development

2.8 Master of Business Administration

Course Structure

First Semester Courses

BAF 703	-	Financial Management		3
BAF 705	-	Management Information System	3	
BAF 709	-	Banking Lending and Credit Administration	3	
BAF 715	-	Marketing of Financial Service		3

BAF 717	-	Financial Planning and control	3
BAF 719	-	Management of Financial Institutions	3
BAF 723	-	Microeconomic Theory I	3
BAF 725	-	Basic Econometrics	3

3

Second Semester Compulsory Courses

BAF 712	Bank Management	3
BAF 733	Investments and Project Analysis	3

3

BAF709	Research Methodology	3
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BAF799	Dissertation	6
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Electives

BAF724	Insurance Management	3
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BAF756	International Trade and Finance	3
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BAF745	Public Finance	3
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2.9 M.Sc Degree Programme

Philosophy

M.Sc Degree Programme in Banking and Finance is designed to provide an advanced contemporary research in the theory and practice of functional areas of Banking and Finance, and to meet the needs of the ever growing number of professional academia who are aspiring to pursue careers in Banking and Finance, and to take the doctorate degree in various areas of the growing field of Banking and Finance.

Objectives.

The M.Sc degree programme focuses on:

- (1) To provide an in-depth academic exposure to the literary foundations and current developments in the field of Banking and Finance.
- (2) To develop research capability in the discipline and prepare candidates for higher degrees in the discipline.
- (3) To provide a strong academic foundation for careers in academic financial consultancy and training in Banking and Finance services both in the private and public sector.

2.10 Masters of Science in Banking and Finance (M.Sc)

The M.Sc programme requires a minimum of 36 credit units made up as follows

- Ten core courses 22units, our elective courses 8, and thesis 6. A total of 36 units.

Courses for First Semester

BAF 703	-	Corporate Finance	3
BAF 705	-	Management of Finance institution	3
BAF 711	-	Regulation of Financial Institution	3
BAF 713	-	Microeconomic Theory	3
BAF 707	-	Theory of Financial Intermediation	3

Courses for Second Semester

BAF 706	-	Macroeconomic Theory	3
BAF 712	-	Basic Econometrics	3
BAF 710	-	Research Methodology	3
BAF 708	-	Quantitative Technology for Financial Decision -	3
BAF 726	-	Research Seminar	3

Courses for Third Second Semester

BAF 725	-	Seminar in Finance I
BAF 727	-	Seminar in Finance II
BAF 799	-	seminar in finance III

Elective courses: Choose any three courses from two areas of concentration (Bi) or (B2)

2.10.1 Finance Option

BAF 756	International Business Finance	3 Credits
BAF 733	Investment Analysis and Portfolio Management	3 Credits
BAF 725	Derivatives Securities and Markets	3 Credits
BAF 727	Micro and Small Business Finance	3 Credits
BAF 714	Public Sector Financial Management	3 Credits

2.9.2 Banking Option

BAF 717	International Banking and Finance	3 Credits
BAF 715	Bank Lending and Credit Administration	3 Credits

Credits

2.10 Ph.D Degree Programme

Philosophy

The programme is designed to give candidates theoretical and research knowledge equipping and research knowledge equipping for academic careers in teaching and research in tertiary institutions, research institutes and senior positions in Banking and Finance industry, both in the private and public sector, and in consultancy services.

Objectives

The Ph.D Programme focuses on:

- (1) Providing opportunities for academic research with a view to extending the frontiers of knowledge in a chosen area of Banking and Finance.
- (2) Development of research persons for careers in academic, in training and research, and development functions in Banking & Financial services, government and industry.

2.11 Ph.D Academic Regulations

The academic session for Ph.D degree is minimum of (6) semesters and maximum of eight (8) semesters. Each course consists of two credit units though few of the courses carry three credit units. Credit unit means the number of hours each course is supposed to be taught in a week per semester. Students are required to register their courses at the beginning of the semester. When registration forms have been signed by the student, the head of department and the school of postgraduate studies and appropriate school, fees paid, the student is then assumed to have register for that semester. Attendance of classes and examination is mandatory to all registered students who must have 75% class attendance to qualify for the examination, and the student must also take the semester examination to merit a pass.

2.12 Admission Requirements:

Provided that the university matriculation requirements are satisfied; relevant

master's degree with at least an average of B grade (60%) which includes coursework and research thesis from a recognized university

- i) A Ph.D. Degree programme shall have a minimum workload of 30 credit units broken into 18 credit units of course work and 12 credit units of Dissertation/thesis.
- ii) A. Ph.D. Student from other recognized Universities shall be allowed a credit transfer of not more than 18 credit units passed with a minimum of b Grade at the master s degree level.

The Ph.D programme requires a minimum of 36 credit units made up of 15 credit units of taught courses 6 credits unit of seminar and 12 units for thesis made up as follows

- Five courses 3 credit each	15 units
- One course and two seminars in the areas of specialization	9
- Dissertation	12
- Total	36

Finance

BAF 822	Empirical Investigations in Finance	
3		
BAF 812	Contemporary Issues in Finance	3
BAF 814	Ph. D Seminar in Finance I	3
BAF 816	Ph.D Seminar in Finance II	3
BAF 899	Dissertation	12

Banking

BAF 822	Empirical Investigations in Banking	
3		
BAF812	Contemporary Issues in Banking	3
BAF 883	Ph. D Seminar in Banking I	3
BAF 885	Ph.D Seminar in Banking II	3
BAF 899	Dissertation	12

Course Structure

Courses for First Semester

First Semester

BAF 803	Advanced Theory of Corporate Finance	3
BAF 805	Advanced Portfolio theory and Management	3
BAF 811	Advanced theory of Financial Intermediate	
3		

BAF 845	Advanced Quantitative Decision Techniques	3
BAF 857	Advanced Research Methodologies	
3		

Courses for Second Semester

BAF 804	Empirical Investments in Finance	3
BAF 812	Contemporary Issues in Finance	3
BAF 822	Empirical Investigations in Banking	
3		
BAF 832	Contemporary Issues in Banking	3

Course Description

BAF 601	Principles of Finance	3
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Credits

This is an introductory course to make students understand some basic concepts in finance. Topics covered include: money creation, credit operations and monetary control, savings mobilization, interest rates and lending process, money and capital markets, the foreign exchange market and financial intermediation processes, sources of capital, short and long term capital, internal and External Finance, Corporate Securities, debt and equity finance, the Nigerian banking system and the central bank of Nigerian Traditional and Development Roles, Bank Capitalization and Recent Developments in the Nigerian and Global Financial Systems.

BAF603 Principles of Accounting 3 Credits

Receipts and payment accounts, income and expenditure accounts, Goods on sale or return, Consignment accounts, accounts with agents, Stock valuation, Departmental accounts, Royalty accounts, Partnership and joint venture.

BAF 605 Principles of Management 3 Credits

Definitions and meaning of management, Organizational goals, Management as science and art, Development of management thoughts, Functions of Management, Authority, Delegation, Centralization.

BAF 607 Principles of Microeconomics 3 Credits

Economics Models, Micro economics-meaning and definitions, Principles of Micro economics, price theory and discrimination, micro economics goals and problems, Model building.

BAF 609 Fundamentals of Marketing 3
Credits

The nature of marketing. The roles and functions of marketing, Concepts in marketing, Marketing Mix, Segmentation.

BAF 611 Project Evaluation 3Credits

Project: concept and dimensions, project cycle; techniques of project identification. Element of project analysis, Assessment of private profitability. Cash flow projections. Analysis of risk and uncertainty; project evaluation and review techniques (PERT). Project implementation. Analysis of Social profitability.

BAF613 Business Finance 3 Credits

This course covers working Capital Financial Management Accounts, Receivables Management, Inventory Management, and cash Management. It also covers capital Budgeting decisions, and capital structure decisions.

BAF 602 Quantitative Techniques for Financial Decision 3
Credits

This course aims at giving the students quantitative skills necessary for banking and financial decision making. The focus of the course will be more of application rather than of the theory per se. it covers descriptive statistics, probability and expectations, discrete and continuous distributions and statistical decision theory, study of estimation, tests of hypotheses and confidence intervals. Time series analysis, index number with applications in finance, multiple regressions, including correlation analysis, also it includes inventory, forecasting queuing models, analysis of variance, and use of computer as a tool emphasized with application to finance.

BAF 604 Principles of Macro-economic 3 Credits

Methodology of economic science, theory of consumer Methodology and demand, Theory of employment and distribution in perfect and imperfect competition market, linear programming and the theory of the firm general equilibrium analysis, introduction to welfare economics, aggregate economics variables.

BAF 606 Research Methodology 3 Credits

The course is designed to train students in the skill of scientific information gathering, analysis and interpretation in dealing with problems in finance and related topics. Through reading, assignments and direct experience students are exposed to the art

of problem identification and analysis, data gathering analysis and report writing. Emphasis will be placed on the approach at every stage.

BAF 608 Investment Analyses and Portfolio Management 3 Credits

The study covers portfolio selection as a problem of constrained utility maximization under conditions of uncertainty; discussion of the different markets along empirical evidence for validity of the theory activities involved in making selection among alternative financial assets from the viewpoints of individuals and institutional inventors; implications of the efficient market theory for the profitability of alternative investment; valuation off financial statements and analysis. The empirical; evidence for various mean variance models of assets for evaluating portfolio performance are emphasized.

BAF 610 Micro and Small Business Finance 3 Credits

The course covers the problem of provision of micro credit and the financial problems as small business in the economy. Topics covered include: sources, acquisition and use of capital by small businesses; financial analysis relating to income, repayment of capital and risk management, leasing and other finance alternatives, the role of small business in the economy required government assistance, how micro credit can be effectively provided and the provision of financial by credit institutions as well as the non-financial components to make finance be productively employed.

BAF 612 Regulations of Financial Institutions 3 Credits

An advanced treatment of fiscal and monetary policy issues; in respect of economic stabilization measures. The instruments and targets of fiscal and monetary policies and theory impacts on macroeconomic aggregate including unemployment, income levels, inflation etc. regulatory institutions in domestic and international economic environment such as the CBN, NDIC/FDIC, IMF etc as they affect national and international economic development.

BAF 696 Research Project 6 Credits

BAF 703 Financial Management 3 Credits

Fundamental objective and function of financial management, instrument of

corporate finance. Cost of capital weighted average cost of capital and its relevance for corporate financial planning. Capital structure. The capital; market; the role of investment banks. Capital issues commission and pricing of new securities. The Nigerian stock exchange. Management of current and fixed assets, corporate re-organization mergers and acquisition.

BAF 713 Business Policy

3 Credits

Organic business functions of marketing production, finance and personnel's in Nigeria; managerial process of corporate planning budgeting and control. Business performance appraisal, relating the organization to the change taking pacing in its environment. Impact of environment changes on strategies and performance of a firm. Analysis of the role of employee and managerial behaviour in success or failure of strategy implementation. Integrated analysis. Recent development affecting strategy formation and implementation process of firms on Nigeria.

BAF 702 Management Information System

3

Credits

Introduction to, and fundamental of data processing brief history and conventional data processing methods, manual methods and mechanized methods. Classification of systems and their relative merits. Closed loop and open systems: effect to time lag; the total system approach and objectives total system and subsystems. Data processing and management information system (MIS). The organization of MIS including the use of mechanical and electronic accounting machines, flow charting and the principles of systems design and documentation. Managerial uses of the Information needs of Management design of MIS. Computer and data processing, evolution of the computer and the Computer system input and Central Processing Unit. Hardware and Software, introduction to common Computer programming language used in business.

BAF 711 Investment Management

3 Credits

The investment setting, history of investment accounting, objectives of the investors, the securities markets, role of economic analysis (common) measure of economic analysis, cycle concept, industry analysis).Financial statement analysis, security

evaluation, common stock, bonds, debentures, and preferred stock, portfolio performance, investment timing defensive approaches to investment timing, business and economic indicators, predicting stock prices with market statistics, efficiency of the capital market and stock market, the applicability of market efficiency to the Nigerian capital market and empirical evidence of test on the market, the market models (CAPM, and APM)

BAF 704 Management Accounting II

3

Credits

Capital budgeting and cost of capital analysis: - the life-cycle costing and time value of money, stages of capital budgeting project evaluation methods. Decentralization, and Performance Appraisal: - Benefit and disadvantage of decentralization, objectives of performance appraisal, choice and application of appraisal measures, Responsibility centers and Responsibility Accounting. Working Capital Management: current Asset (cash, debtors etc), current liabilities inventory control management: - Cost associated with goods for sale, EOQ decision model; computation of safety stock; the pareto or AOC principle of Inventory control, just-in-time purchasing Total Quality Control (TQC), Management Accounting in the management of small and medium scale enterprises.

BAF 707 International Marketing

3 Credits

Scope of international marketing comparison with national marketing quota system, tariff and other barriers, organization for international marketing oversea. Strategy, organization or oversea sales force, documentation, invoicing, method of payments, cargo insurance, transportation alternatives, legislation government international trade, patents and trade names.

BAF 704 Managerial Economics

3 Credits

The business firm and the and the business environment; corporate adaptation to changes in technological environment; demand and supply analysis; market structure and competition, product development and the marketing mix, project pricing; profit planning; pattern of corporate expansion and issues of firm size; role of economic indicators In business decision; corporate adaptation to current charges in public policies.

BAF 712 Bank Management

3 Credits

Regulatory frame work for banking in Nigeria; Organization and control. Bank management an internal organization. Bank asset, capital and liability structure; management of bank assets, capital liquidity. Bank lending and credit analysis, security for bank lending, qualitative and quantitative credit guidance. Bank frauds and Loan defaults; Management of distressed banks in Nigeria. Profit planning and cost control. Managing the corporate image of bank; Bank strategic Planning.

BAF 722 Derivative Securities and Market

3

Credits

The rapid and extreme development in financial service industry demand that graduates in finance be exposed too financial innovations in recent years. The course in derivative and market fulfils this requirement. The course introduces the students to the concepts, type's operations and regulatory framework of financial derivative markets. It covers trade options futures/future contracts forwards, swaps, derivative exchanges and trade systems. Origin and scope of financial derivatives, types and characteristics of financial derivatives, development of financial derivative in Nigeria.

BAF 721 Bank Lending and Loan Administration

3 Credits

The course is designed to expose students to the basic principles of lending and credit administration. It covers topics in bank credit organizations, the lending environment and financial statement analysis. Others are sectorial forms of lending such as commercial lending, consumer lending and credit administration. The course involves course work and case studies.

BAF 733 Investment and Project Analysis

3 Credits

Investment environment in Nigeria real and financial assets. Stock and capital market analysis; pricing and evaluation of equity securities, bonds, right option etc. investment, risk and uncertainty. Asset valuation models; the capital assets pricing model. Analysis of corporate performance. Portfolio selection, timing and diversification. Incremental analysis and returns. Project appraisal techniques and their application; determination of minimum net cost benefit and sensitivity analysis, preparation and evaluation of project reports.

BAF 709 Research Methodology

3 Credits

Skill of scientific investigation, information, analysis and interpretation in dealing with business organizational behaviors problems in Nigeria; the art of problem

identification and analysis, data gathering, analysis and report writing; the problems and prospects of business research in a seller's market like Nigeria.

BAF 799 Thesis

6

Credits

Students are required to present and defend an approved project study relevance to banking and finance, in the second and preferably before the MBA degree examination. The TITLE and OUTLINE of the proposed subject of study must be prepared and submitted on the appropriate forms, by the candidate, through his head of department of the faculty post graduate committee for approval. In its final form, 5 copies of the project report or dissertation must be submitted through the Head of Department of the faculty post graduate committee.

BAF 724 Insurance Management

3 Credits

The legal frame work of insurance. General principle and models of insurance pricing and their application to various insurance policies; the role of insurance intermediaries. Management and investment of insurance fund; risk management and risk reduction through portfolio diversification. The structure of insurance organization. Application of Linear programming and actuarial science techniques to various aspects of insurance business.

BAF 756 International Trade and Finance

3 Credits

Theories of international trade. Dynamics of economic growth and international trade. Balance of payments accounting and analysis; Disequilibrium in international trade courses and adjustment process. Financing of international business. Foreign exchange rate regime; international capital flow problems of capital flight; foreign investment issues, risk and management problems. Theory of devaluations role of international and regional financial institutions. (World Bank, IMF, ADB, ECOBANK etc.

BAF 745 Public Finance

3 Credits

Objectives and rational of government activities in the market system. Efficiency criteria in government decision making. The budgetary process. Government revenue and expenditure profile (federal, State and Local Governments). Theory of taxation, types, incidence and shift ability of tax burden. Short-run and long run effects of taxation. Value added tax. The federal accounts collection, administration and allocation. Public debt. Structure and management in relation to stabilization and

development policies. Fiscal policies.

BAF 845 Advanced Quantitative Decision Techniques

3 Credits

It is designed to provide students the opportunity to explore more advanced quantitative techniques for decision –making in general and research in particular. Emphasis will be on: quantitative methodologies in business export, commerce and international business, multivariate statistical methods advance topics in optimizing techniques and stochastic models; application of time series inbox number other vital statistics to issues in business studies. In addition it cover techniques of mathematical programming as applied in finance the development of an intuitive appreciation of the techniques a opposed to rigorous mathematical derivation illustration of the application in financial analysis to be accomplished via a computer assessed case analysis and /or journal articles.

BAF 805 Advanced portfolio theory and management

3 Credits

The course treats at the theoretical level the conceptual foundations of funds allocation among assets and assets classes and analysis the effects of various corporate financial policy decision (e.g capital structure and dividends policies) on the value of the firm. It also includes analysis of the effects of taxes bankrupting costs and agency costs on these decisions. The analysis is conducted successively under the assumptions of perfect and imperfect markets and certainty and uncertainty conditions. In addition it covers recent literature with emphasis on mathematical techniques which have been used to solved problems in portfolio theory, multi period assert pricing models and option pricing models financial leverage market efficiency and information economics term structure models capital market equilibrium models corporate finance issues reading are drawn almost exclusively from the theoretical literature of corporate finance. This course provides an advanced treatment of investment portfolio theories commuter enhanced models used to provide instruction in capital asset portfolio management and technique advanced treatments of diversification theories and applications in asset selection. Analysis and management and risk management are extensively discussed.

BAF 811 Advanced Theory of Financial Intermediation

3 Credits

This is a more advanced and theoretical treatment of selected topics covered at the master's degree levels. Issues are dealt with in more detail, bringing in relevant

empirical analysis and proffering future directions of research with seminar papers prepared and presented of specify topics.

BAF 845 Public Sector Financial Management

3 Credits

This covers the procedure for estimation and control of government expenditure and the raising of revenue, estimation of expenditure authorization of expenditure and accounting processes for planning public expenditure efficiency of government expenditure measurement f efficiency of budgeting system and other budgeting system as an approach to cost effectiveness appraisal of government expenditure also include are the multi nature of public sector federal state and local government finance rates borrowing federal/state grants commercial Activities the systems of federal/ state grants and changes overtime the central of local authorize expenditure current and capital its planning an control pricing and investment problems accounting financing control in public owned enterprise.

BAF 857 Advanced Research Methodology

3

Credits

The course utilizes advanced research techniques to explore problems in banking and finance. In addition, the course teaches students the use of advanced research techniques to investigate empirical issues, in banking and finance. Some of the topics to be covered; among others include advanced research designs, qualitative and qualitative methods of research, advance measurement scale, multidimensional scaling, complex sampling approaches, meta-analysis, structural equation modeling in banking and finance, conjoint analysis. Specifically, the course aims to expose students to contemporary, but not common, research methods that are relevant for understanding and solving general business management problems, students are to be exposed to scholarly works in journals and textbooks utilizing relevant advanced research techniques.

BAF 840 Financial Planning and Control

The course emphasizes basic concepts and analytical tools essential for financial decision making and in understanding of the market environment in which the firm operate. Possible topics include the concepts of organizational goals and the selection and preparation of information essential to financial planning and control of firms operations such as cost estimation and analysis, cost volume profit analysis,

budgeting and budgetary control, variance analysis and cost allocation.

BAF 844 Financial Institutions and Markets

3

Credits

The course covers overview of the financial system, embracing banks, non-bank financial institutions, money and capital markets and the regulatory authorities the central bank, the security exchange commission, the stock exchange, survey of the structure and operation of the market for short, medium, and long term securities. Other topics include overview of the nature, type, sources and uses of term securities as well as the nature, objectives, structure, function's and practices of institution such as the stock exchange, investment banking, insurance and pension institutions as well as international finance institutions. The other aspects include economics and legal aspects of the capital market, analysis of interest rates, cost of capital, prices of securities, risk in securities operation and their implications for investment and performance of the financial operations.

BAF 807 Empirical Investments in Finance

3

Credits

Market efficiency test, term structure, theory test, test of asset, pricing models, test of dividend, policy and financial structure issues. Topics focus on statistical and methodological problems encountered in empirical research in related areas of economics and accounting.

BAF 842 Contemporary Issues in Finance

3 Credits

This is a seminar to address emerging issues in theoretical and empirical literature in finance.

BAF 846 Contemporary Issues in Finance

3 Credits

This is a seminar to address emerging issues in theoretical and empirical literature in finance.

BAF 822 Ph.D. Seminars in Finance I

3

Credits

Candidates will be required to make a seminar presentation. Each student will be required to produce a manuscript in the usual journal format on the topic under investigation. For these candidates, a sound literature review and development of relevant mathematical models or technique of analysis related to their research topics

will be acceptable.

BAF 824. Ph.D Seminar in Finance II 3

Credits

Candidates will be required to make at least two seminars presentations. The first seminar presentation is the thesis proposal if the approved proposal is completed. The second seminar presentation will emphasize the actual results of the students research work.

BAF 804 Empirical Investigations in Banking 3 Credits

Market efficiency tests, term structure theory test, market structure, and financial structure issues topics focus on statistical and methodological problems encountered in empirical research in related areas of finance, economics and accounting.

BAF 883 Ph.D Seminars in Banking I 3

Credits

Candidates will be required to make a seminar presentation. Each student will be required to produce a manuscript in the usual journal format on the topic under investigation. For the candidates, a sound literature review and development of relevant mathematical models or techniques of analyses related to their research topics will be acceptable.

BAF 885 Ph.D Seminars in Banking II 3

Credits

Candidates will be required to make at least two seminars presentations. The first seminar presentation is the thesis proposal if the approved proposal is completed. The second seminar presentation will emphasize the actual result of the students research work.

BAF 899 Doctoral Dissertation 12

Credits

BAF 821 Ph.D Seminars in Banking I 3

Credits

Candidates will be required to make a seminar presentation. Each student will be required to produce a manuscript in the usual journal format on the topic under investigation. For the candidates, a sound literature review and development of

relevant mathematical models or techniques of analyses related to their research topics will be acceptable.

828 Ph.D Seminars in Banking II

3

Credits

Candidates will be required to make at least two seminars presentations. The first seminar presentation is the thesis proposal if the approved proposal is completed. The second seminar presentation will emphasize the actual result of the students research work.

Credits**2.13 Business Administration**

The Department of Business Administration offers postgraduate diploma and Degree Programmes leading to award of:

1. Postgraduate Diploma in Management
2. Postgraduate Diploma in Marketing
3. Master of Business Administration (MBA) Management
4. Master of Business Administration (MBA) Marketing
5. Master of Science (M.Sc) Management
6. Master of Science (M.Sc) Marketing
7. Doctor of Philosophy (Ph.D) Management
8. Doctor of Philosophy (Ph.D) Marketing.

Objectives

The objectives programmes are designed to provide both academic and professional base from which graduates may continue their personal, academic and professional development as they assume managerial and other responsibilities in the larger society. Specific objectives for the programmes in the Department of Business Administration are:

1. To expose students to business and management theories and their usefulness to the business enterprise.
2. To prepare students who will be economically and socially independent and contribute maximally to entrepreneurship and business development within and outside their immediate environment.
3. To produce creative and innovative graduates who are able to meet the challenges of managing contemporary private and public enterprises in a changing environment.
4. To build strong interest in graduates in developing careers in academics for sustainability in learning and human capital development.

2.14 Post graduate Diploma in Management**First Semester**

MAN 601	Principles of Management	3 Credits
MAN 603	Principles of Accounting	3 Credits
MAN 605	Principles of Micro-economics	3 Credits

MAN 607	International Business	3 Credits
MAN 609	Entrepreneurship Development	3 Credits
MAN 611	Research Methodology	3 Credits
MAN 613	Fundamentals of Marketing	3
Credits		
MAN 615	Principles of Finance	3
Credits		
		24 Credits
Second Semester		
MAN 602	Introduction to Public Administration	3 Credits
MAN 602	Principles of Macro Economics	3 Credits
MAN 606	Human Resource Management	3 Credits
MAN 608	Computers in Organization	3 Credits
MAN 610	Business Mathematics	3 Credits
MAN 612	Business Statistics	3 Credits
MAN 614	Global Economic Environment	3 Credits
MAN 616	Elements of Business Administration	3
Credits		
MAN 699	Project Report	6
Credits		
		30 Credits
2.15 Postgraduate Diploma in Marketing		
MAN 601	Principles of Management	3 Credits
MAN 603	Principle of Accounting	3 Credits
MAN 605	Principles of Micro-Economics	3 Credits
MKT 607	International Marketing	3 Credits
MAN 609	Entrepreneurship Development	3 Credits
MAN 611	Research Methodology	3 Credits
MAN 613	Fundamental of Marketing	3 Credits
MAN 615	Principles of Finance	3
Credits		
		24 Credits
Second Semester		
MAN 602	Introduction to Public Administration	3 Credits
MAN 604	Principles of Macro-Economics	3 Credits
MKT 606	Product Development	3 Credits
MAN 608	Computers in Organization	3 Credits
MAN 610	Business Mathematics	3 Credits
MAN 612	Business Statistics	3 Credits
MAN 614	Global Economic Environment	3 Credits
MKT 616	Marketing Management	3 Credits

30 credits

2.16 Master of Business Administration (MBA) Management

Objectives: The specific objectives of master of Business Administration in Management are:

1. To produce managers who are capable of applying appropriate management principles and techniques of problem solving in the Nigerian environment and the world at large.
2. To produce socially responsible managers who are mindful of accepted norms and ethics.
3. To deepen the theoretical knowledge base of the students in the key subject areas in the discipline of management.

First Semester

MBA 701	Organizational Behaviour	3 Credits
MBA 703	Quantitative Methods	3 Credits
MBA 705	Corporate Finance	3 Credits
MBA 707	Information Communication Technology	3 Credits
MBA 709	Operations Management	3 Credits
MBA 711	Marketing Management Strategy	3 Credits
MBA 713	Introduction to Accounting	3 Credits
MBA 715	Research Methodology	3 Credits
		24 Credits

Second Semester

MBA 702	Business Law	3 Credits
MBA 704	Environment of Business	3 Credits
MBA 706	Introduction to General Management	3 Credits
MBA 708	Corporate Strategy	3 Credits
MBA 710	Managerial Economics	3 Credits
MBA 712	Human Resource Management	3 Credits
MBA 714	Entrepreneurships	3 Credits
MBA 716	Project Management and Feasibility Study	3 Credits
		24 Credits

Third Semester

MBA 717	Industrial Relations	3 Credits
MBA 719	Managerial Problem Solving	3 Credits
MBA 721	Strategic Management	3 Credits
MBA 723	Corporate Law	3 Credits
MBA 725	International Business	3 Credits
MBA 727	MBA Seminar	3 Credits
MBA 799	Research Project	6 Credits

24 Credits

2.17 Master of Business Administration (MBA) Marketing

Objectives: The specific objectives of master of Business Administration in Marketing are:

1. Aimed at providing students with knowledge and skills to enhance their performance.
2. To enable them to assume broader responsibility in the rapidly changing environment faced by private and public sectors of the economy.
3. Application of theoretical knowledge to solve practical problems in the society.

First Semester

MBA 701	Organizational Behaviour	3 Credits
MBA 703	Quantitative Methods	3 Credits
MBA 705	Corporate Finance	3 Credits
MBA 707	Information Communication Technology	3 Credits
MBA 709	Operations Management	3 Credits
MBA 711	Marketing Management Strategy	3 Credits
MBA 713	Introduction to Accounting	3 Credits
MBA 715	Research Methodology	3 Credits
		24 Credits

Second Semester

MBA 702	Business Law	3 Credits
MBA 710	Managerial Economics	3 Credits
MBA 714	Entrepreneurship	3 Credits
MBA 720	Marketing Environment	3 Credits
MBA 722	Consumer Behaviour	3 Credits
MBA 724	Marketing Research	3 Credits
MBA 726	Pricing Policies	3 Credits
MBA 728	Industrial Marketing	3 Credits
		24 Credits

Third Semester

MBA 723	Corporate Law	3 Credits
MBA 729	International Marketing	3 Credits
MBA 731	Product Planning and Development	3 Credits
MBA 733	Marketing Communication	3 Credits
MBA 735	Distribution Management	3 Credits
MBA 727	MBA Seminar	3 Credits
MBA 799	Research Project	6 Credits
		24 Credits

2.18 Master of Science (M.Sc) Management

Objectives: The specific objectives of M.Sc Management programme are:

1. Aims at providing an in-depth academic exposure to the literary foundations and current development in management.
2. To develop research capability in the discipline as well as prepare candidates for the higher degree programmes.
3. To develop the student's skill in critical thinking and analysis, logical reasoning and research methodologies to improve their capacity in undertaking rigorous and quality research
4. Formulating management policies and strategies in the organizational and national levels.
5. The programme is also aimed at providing critical manpower in the area of management needed for national development.

First Semester

MAN 701	Management Accounting	3 Credits
MAN 703	Management Theory	3 Credits
MAN 705	Quantitative Analysis	3 Credits
MAN 707	Research Methodology	3 Credits
MAN 711	Micro-Economics Analysis	3 Credits
MAN 713	Organizational Behaviour	3 Credits
MAN 717	Business Policy	3 Credits
MAN 721	Operations Management	3 Credits
MAN 723	Economic Theory	3 Credits
MAN 725	Strategy and Structure	3 Credits
		30 Credits

Second Semester

MAN 702	International Business Management	3 Credits
MAN 704	Strategic Management	3 Credits
MAN 706	Comparative Management	3 Credits
MAN 708	Diversity and Conflict management	3 Credits
MAN 710	Human Resource Management	3 Credits
MAN 712	Global Economic Environment	3 Credits
MAN 714	Macro-Economic Theory	3 Credits
MAN 716	Corporate Finance	3 Credits
MAN 718	Rewards and Compensation Management	3 Credits
		27 Credits

Third Semester

MAN 795	MSc. Seminar	3 Credits
MAN 799	Thesis	6 Credits
		9 Credits

2.19 Master of Science (M.Sc) Marketing

Objective: The specific objectives of M.Sc Marketing are:

1. To provide an in-depth academic exposure to the literary foundations and current development in marketing.
2. Exposing students to contemporary and relatively advanced research techniques needed to analyze marketing phenomena.
3. To expose students to understand and critique traditional and modern marketing theories and practices.
4. To develop resource persons for career in academics research institutions, and for research and development functions in government. Industry and commerce.

First Semester

MAN 703	Management Theory	3 Credits
MAN 705	Quantitative Analysis	3 Credits
MAN 707	Research Methodology	3 Credits
MKT 709	Marketing Environment	3 Credits
MAN 711	Micro-Economic Analysis	3 Credits
MAN 713	Organizational Behaviour	3 Credits
MKT 715	Marketing Research I	3 Credits
MAN 817	Business Policy	3 Credits
MAN 821	Operations Management	3 Credits
		27 Credits

Second Semester

MKT 702	Marketing of Financial Services	3 Credits
MKT 704	Corporate Finance	3 Credits
MKT 706	Consumer Behaviour	3 Credits
MKT 708	Marketing Research II	3 Credits
MKT 710	Strategic Marketing	3 Credits
MKT 712	Sales Management	3 Credits
MKT 714	International Marketing	3 Credits
MKT 718	Marketing Communications	3 Credits
MKT 720	Distribution Management	3 Credits
MKT 722	Macro Economic Theory	3 Credits
		30 Credits

Third Semester

MKT 795	MSc Seminar	3 Credits
MKT 799	Thesis	6 Credits
		9 Credits

2.20 Doctor of Philosophy (Ph.D) Management

Objectives: The specific objectives of Ph.D management programme are:

1. Aimed at creating opportunities and challenges for talented candidates to attain the highest level of their potentials in academic pursuit in the field of management.

2. To provide advance training for those whose future careers lie in teaching and research at the university and other tertiary institutions.
3. For those who may have to operate in research and development environment.
4. To enrich research efforts in the field of business and management.
5. To inculcate knowledge to enhance the productivity capacity of this category of students.

First Semester

MAN 811 Management Thoughts and Philosophy	3 Credits
MAN 813 Advanced Entrepreneurship	3 Credits
MAN 815 Imperatives of Globalization	3 Credits
MAN 817 Advanced Research Methodology	3 Credits
MAN 819 Industrial Relations	3 Credits
MAN 821 Strategic Management	3 Credits
MAN 823 Advanced Quantitative Techniques	3 Credits
	21 Credits

Second Semester

MAN 820 Multinational Enterprises	3 Credits
MAN 822 Project Management and Feasibility Report	3 Credits
MAN 824 Total Quality Management	3 Credits
MAN 826 Management Information System	3 Credits
MAN 828 Advanced Organizational Behaviour	3 Credits
MAN 830 Management of Change	3 Credits
MAN 832 Advanced conflict Management	3 Credits
	21 Credits

Third Semester

MAN 895 Seminars	6 Credits
MAN 899 Dissertation	12 Credits
	18 Credits

2.21 Doctor of Philosophy (Ph.D) Marketing

Philosophy: The basic philosophy of the Ph.D marketing is to create opportunities and challenges for talented candidates to attain the highest level of their potentials in academic pursuit in the field of marketing.

Objectives: The specific objectives of the programme are:

1. To expose students to advanced research methods and theories in exchange transactions and relationships.
2. To develop in students advanced methods of investigative science needed to explore and expand the frontiers of marketing.
3. To encourage students to explore and solve theoretical and practical marketing problems that have industrial, academic, national and international relevance.
4. To prepare students to be strong community leaders and vibrant community developers using their management knowledge and skills.
5. To develop students for best practices within the country and outside the country.

First Semester

MKT 811	Advanced Marketing Strategies	3 Credits
MKT 813	Advanced Entrepreneurship	3 Credits
MKT 815	Imperatives of Globalization	3 Credits
MKT 817	Advanced Research Methodology	3 Credits
MKT 819	International Marketing	3 Credits
MKT 821	Development of Marketing Through and theory	3 Credits
MKT 823	Advanced Marketing Research	3 Credits
		21 Credits

Second Semester

MKT 820	Advanced Sales and Distribution Management	3 Credits
MKT 822	Advanced Promotion Strategies	3 Credits
MKT 824	Advanced Pricing Policies	3 Credits
MKT 826	Marketing Information System	3 Credits
MKT 828	Services and Product Marketing	3 Credits
MKT 830	Advanced Quantitative Techniques	3 Credits
MKT 832	Seminar in consumer Behaviour	3 Credits
		21 Credits

Third Semester

MKT 895	Ph.D Seminars	6 Credits
MKT 899	Dissertation	12 Credits
		18 Credits

Course Description

MAN 601: Principles of Management

Definitions and meaning of management, Organizational goals, Management as science and art, Development of management thoughts, Functions of management, Authority, Delegation, Centralization.

MAN 603 Principle of Accounting

Receipts and payment accounts, Income and expenditure accounts, Goods on sale

or return, Consignment accounts, Accounts with agents, Stock valuation, Departmental accounts, Royalty accounts, Partnership and joint venture.

MAN 605: Principles of Micro-Economics

Economics Models, Micro economics-meaning and definitions, Principles of micro economics, price theory and discrimination, Micro economics goals and problems, Model building.

MAN 607: International Business

Major international political and economic inter nation businesses, Concepts of international finance, Accounting, Law, Management and Marketing.

MAN 609: Entrepreneurship Development

Concept and objectives, Skills and knowledge required to start new business, Analysis of personal efficacy and self-awareness, Personal characteristics of entrepreneurs, Sources and availability of resources, Business environment.

MAN 611: Research Methodology

Skills of scientific investigation, Research problems, Objectives and hypotheses, Research design, Techniques and problems of research method, Referencing, Statistical techniques used in research.

MAN 613: Fundamentals of Marketing

The nature of marketing, the roles and functions of marketing, Concepts in marketing, Marketing mix, Segmentation.

MAN 615: Principles of Finance

Definition and scope of finance, Functions of finance manager, Allocation and raising of funds, The role of government in the financing process, Concept of collateral, Asset management and analysis of capital requirement, Financial market and financial institutions, International finance institutions.

MAN 602: Introduction to Public Administration

Nature of public administration, Similarities and differences between public and private administration, Functions of public administration, Schools or conceptual approaches to the study of public administration, Goal model, System model, Classical model, Human Relations model, Bureaucracy, International public administration.

MAN 604: Principles of Macro-Economics

Methodology of economic science, Theory of consumer behaviour and demand, Theory of employment and distribution in perfect and imperfect competition market, Linear programming and the theory of the firm general equilibrium analysis, Introduction to welfare economics, Aggregate economics variables.

MAN 606: Human Resource Management

Nature of human resource management, Recruitment, selection and placement, Motivation, training and development, Employees welfare, Salaries and wages, Health and safety, Promotion and transfer, Leadership styles, Performance appraisal.

MAN 608: Computers in Organization

History and development of computer technology, Computer types, Central preparation equipment, Data transmission, Data capture and validation, Error detection, System analysis, the programming process, Problem definition flow.

MAN 610: Business Mathematics

Mathematics and symbolic logic, Inductive and deductive system, Concepts of sets, Mapping and transformation, Introduction to complex number, Vectors, Matrix and determinants, Discrete and continuous variables, The straight line, The circles, Trigonometric functions.

MAN 612: Business Statistics

Statistics and statistic, Histogram and bar chart, Regression and correlation, Functional relationships in statistical models, Data sources and presentation, Measures of central tendency, Measures of Dispersion, Probability, Linear regression analysis.

MAN 614: Global Economic Environment

Nature and concepts, Fiscal and monetary policies, Tax structure, Credit policy, Interest rate, Inflation, Unemployment, Capacity utilization,

MAN 616: Elements of Business Administration

Meaning of business, Business resources, Business objectives, Stakeholders to business, Nature of business organization, Forms of business ownership, Social responsibilities, Business Environment, Business ethics, Government and business.

MKT 607: International Marketing

Purpose, principles, practices and procedures of international marketing, Entering foreign market, Challenges and consolidation, Role of international marketing, International marketing mix and international marketing organization, Export, Joint venture ship.

MKT 606: Product Development

Meaning of product, Levels of product, Product research, new product development, Branding, Labelling, Colour, Packaging, Product life cycle, Product differentiation.

MKT 616: Marketing Management

Marketing management task, Marketing planning, Marketing environment, Segmentation, Marketing Strategies, Target market, marketing mix, Forecasting.

MBA 701: Organizational Behaviour

Introduction, Source of power, Leadership style, Attitude, Perception, Human psychology, Organizational design, Span of control, Job design, Communication, Performance appraisal, Organizational conflict, Organizational change, Resistance to change.

MBA 703: Quantitative Methods

Collation, presentation and analysis of data, Descriptive statistics, Measures of variability, Probability, Normal curve, Sampling statistics, Regression and correlation, Linear programming, Queuing theory and its application.

MBA 705: Corporate Finance

Principles and procedures underlying financial statements, Financial transactions, Alternative accounting statements, Tools or analysis of ratios and other quantitative measures, Project appraisal analysis of investment project, The impact of risk, tax and inflation, Interest rates, Cost of capital and target rates of return, Capital market, Role of intermediaries, Sources of finance, Mergers and acquisitions.

MBA 707: Information Communication Technology

Uses of computers in problem solving, Application to the solution of problems at

the introductory level in capital budgeting and linear programming.

MBA 709: Operations Management

Issues in operations strategy, process analysis and the use of data and managerial opinion in making effective proposition to address the questions in the cases, major economic decision, problems of production and operations management, aggregate production and work force scheduling, multi-plant allocation of product, Large Scale Project Control (CPM and PERT), Inventory control, Demand forecasting, Economic order quantity, Queuing theory.

MBA 711: Marketing Management Strategy

Marketing management task, Demand management, Decision processes for product planning, Pricing, Promotion, Distribution and Competitive Strategy, Segmentation, Marketing mix, Marketing strategy.

MBA 713: Introduction to Accounting

Accounting Concepts, Construction of financial statements, Balance sheet, Income statements, cash-flow statements, Analysis and interpretations of financial statements, Element of costing and auditing.

MBA 715: Research Methodology

Meaning and concept, Research problem, Questions, Objectives and hypotheses, Literature review, Research methodology, Sampling techniques, Statistical tools, Presentation and analysis of data, Data gathering, References.

MBA 702: Business Law

Definition and meaning, Agency, Law of Contracts, Hire purchase, Ownership and passing of property, Remedies of owner and hire carriage of goods, Sureteeship and guarantees, Negotiable instruments, Cheques and promissory notes.

MBA 704: Environment of Business

Business objectives, Internal and external environment, Economic environment, Micro and Macro environment, Demography, Socio-cultural, Legal and political environment, Competitive, natural and technological environment.

MBA 706: Introduction to General Management

Planning, Organizing, Motivating, Compensating training, leading, directing and controlling.

MBA 708: Corporate Strategy

Strategic goals, Objectives and targets, Long and short term goals, Preparing, implementing, monitoring, evaluation and review of strategic plan, Futuristic thinking and planning, Strategies at corporate level.

MBA 710: Managerial Economics

Business firm and environment, Management theory, Demand and supply analysis, Market structure, Product planning and profit planning, Pattern of corporate expansion and issues of firm size, Pricing, Role of economic indicator in business decisions, Forecasting, Theory of games, Corporate adaptation to current change in public policies

MBA 712: Human Resource Management

Human resources function in organizations, Strategic planning, Job analysis, Recruitment, Selection, Training, Development, Career planning, Performance appraisal, Compensation, Job evaluation, Staff welfare, Promotion, Transfer, health and safety.

MBA 714: Entrepreneurship

Meaning and nature of entrepreneurship, Business objectives and environment, Small businesses, Characteristics of entrepreneur, Family business, Innovation, Women entrepreneurs, Entrepreneurship problems and challenges.

MBA 716: Project Management and Feasibility Studies

Nature and meaning of project, Genesis and evolution of project management, Distinctions between projects and programmes, Planning of project and application of PERT/time Network, Project techniques, PERT/CPM, Project implementation, Feasibility studies, Case studies,

MBA 717: Industrial Relations

Concession bargaining, Workers participation programme, Growth of non-union firms, Recent development in Unions, Transformation in unions, Problems and challenges, Labour-management relations, employment planning and compensation.

MBA 719: Management Problem Solving

Causes of managerial problems, culture, communication and behaviour, team building, Management of change and conflicts, theories of conflict resolution.

MBA 721: Strategic Management

Strategic and futuristic thinking and planning, Long term plans into attainment, Strategic goals objectives and targets, preparing, implementing, monitoring, evaluation and review of strategic plans, Planning, decision-making, strategy and public policy.

MBA 723: Corporate Law

Corporate structure, Merger and acquisition, Proceeds of adjudication, transnational business activities, Basic legal problems, Commercial laws, Law of Contract, Agency and hire purchase.

MBA 725: International Business

Major international political and economic international businesses, Export, Import, Balance of payment, Balance of trade, Payment in international business, Concepts of international finance, Accounting, Law, Management and marketing.

MBA 720: Marketing Environment

Marketing and objectives of marketing, Internal and external environment, Micro and Macro environment, Fiscal and monetary policies, Economic, demographic, socio-cultural, legal and political, competitive, natural and technological environment, SWOT analysis.

MBA 722: Consumer Behaviour

Models of consumer behaviour, Factors influencing consumer buying behaviour, Buying protocol, Culture, economic, personal, social, influences of buyer, perception, motivation and attitude, Learning, Personality.

MBA 724: Marketing Research

Types and nature of marketing research, Problems of research, functions and importance of marketing research, Research techniques, Product, Advertising, Marketing and consumer research.

MBA 726: Pricing Policies

Pricing new product, Market and consumer consideration, Geographical Pricing, Cost plus pricing, Mark-up pricing.

MBA 728: Industrial Marketing

Special features of the industrial market, Government buying, Marketing research in industrial marketing, Industrial marketing mixes, Selling and non-selling

activities in industrial marketing, Pricing policies.

MBA 729: International Marketing

Scope of international marketing, comparison with national marketing, Tariff and other barriers, Organization for international marketing overseas, Organization of overseas sales force, Documentation, Method of payment, Method of entering international market.

MBA 731: Product Planning and Development

Meaning of product, Product level, new product development, Adoption process, Adoption category, Product life cycle.

MBA 733: Marketing Communication

Nature of marketing communication, Functions and objectives of marketing communication, Advertising, Sales promotion, Publicity, Personal selling, Direct marketing, Integrated marketing communication.

MBA 735: Distribution Management

The role of intermediaries, Choice of distribution channels, Types of distribution channels, Retailing and wholesaling.

MAN 701: Management Accounting

Relationship between management accounting and cost accounting, Financial forecasting, Revenue, Production, Purchase and expenses budgets, Budgeted income statement, Balance sheets, Capital budgeting models, Material and overhead variance analysis, Fund flow statement, Accrual statement.

MAN 703: Management Theory

International and Integration of the evolution and the development of theories and concepts, and their application in the field of management, perspectives within the field of management, theoretical foundation for the understanding of management issues.

MAN 705: Quantitative Analysis

Basic quantitative analysis and reasoning and its application to management decision making, Set theory, Probability distribution, Decision theory, Forecasting models and techniques, Linear programming network models and simulation.

MAN 707: Research Methodology

Meaning and nature of research, Types of research, Selecting research topics, Problem and hypotheses formulation, Research design, Research instruments and data collection, Analysis and interpretation, research report.

MAN 709: Environment of Business

Stakeholders to business, Business resources and objectives, Internal and external business environment, Micro and macro environment, Competitive, technological and natural environment, economic, political, demographic, cultural, social and legal environment, Government and business.

MAN 711: Micro-Economic Analysis

Introduction to micro-economic analysis, Analytical tools models of micro economics, methodology of economic science, theory of consumer behaviour and demand, Perfect and imperfect competitive market.

MAN 713: Organizational Behaviour

The structure, function and people in organizations and society, Organizational dynamics, Motivation and job satisfaction, Individual and group attitude, Organizational change and development, Conflicts in organization, Individual differences.

MAN 717: Business Policy

Business functions of marketing, Production, Finance and personal, corporate planning, Budgeting and control, Business environment. Business strategies, Role of employee and managerial behaviour, Strategy formulation and implementation.

MAN 721: Operations Management

Operations strategy, Process analysis and the use of data and managerial opinion in making effective proposition to address the question in the cases, Problems of production and operations management, Aggregate production and work-force scheduling, CPM and PERT, Inventory control, Demand forecasting, Queuing theory, Game theory, Multiple regression and correlation.

MAN 702: International Business Management

Development of management skills related to multinational business, Issues of operating in a foreign country or cross national boundaries and how management theory and practice in national setting differ from those in foreign countries.

MAN 704: Strategic Management

Theoretical and practical aspect of strategy formulation and implementation, Strategic thinking, Analyzing industry structures and dynamics, Process of strategic planning, Actions and reactions of competitors, Technology strategy and e-business, Process re-engineering and corporate turnaround.

MAN 706: Comparative Management

Elements of management and administration, Private and public sectors, Military administration and civilian administration, Group activities, Management consultants, Theories of comparative administration and management, Problems in comparative management, Motivating, Controlling and rewarding performance.

MAN 708: Diversity and Conflict Management

Diverse people and culture, Gender and religion, Communication, Conflict resolution and creative problem solving, Global business environment.

MAN 710: Human Resource Management

Human resource planning, Job design, Job description, Recruitment, Selection and Placement, Training and development, Motivation, Supervision, Staff welfare, Promotion and transfer, Health and safety, Salaries and wages.

MAN 712: Global Economic Environment

Capacity utilization, Economic recession, Inflation, Unemployment, Fiscal and Monetary policies, Credit policies, Interest rate, Saving level, Gross domestic product and per capital income.

MAN 714: Macro-Economic Theory

Definition of concepts and relationship, Micro economic theory, comparative static, Dynamics, Equilibrium analysis, Concept of elasticity, Consumer behaviour, Marginal principles, Theory of production, Price and output.

MAN 716: Corporate Finance

Theories and its three decision areas of financing, Investment and dividend, Effects of various corporate financial policy decisions on the values of the firm, Financial structure, Market valuation of risky assets under uncertainty, Risk and uncertainty management strategies, Capital budgeting, Operation of capital market and money market, Analysis for investment in securities, Portfolio theories and the concept of diversification.

MAN 718: Rewards and Compensation Management

Examination of the determinants of wage levels, Wage structure and individual wages, Analysis of the impact on work attitude and performance in organizations.

MKT 709: Marketing Environment

Impact of environment on marketing decisions, Price, Promotion, Product and distribution, Fiscal and monetary policies, Micro and macro environment, the internal and external environment.

MKT 715: Marketing Research I

The role of marketing research, Definition of marketing research, Organization of marketing research, Ethics of marketing research, The research process, Research design, Data collection method, Sample design and various statistical methods.

MKT 702: Marketing of Financial Services

Differences between goods and services, Origin and role of marketing of financial services, Nature of services, Banks, Insurance, Financial products and services, Advantages and disadvantages, Challenges of financial services.

MKT 704: Corporate Finance

Financial statements, Financial transactions, Tools or analysis of ratios and other quantitative measures, Accounting information, Project appraisal analysis, Impact of risk, Tax and inflation, Interest rates, Sources of finance, capital structure, Mergers and acquisition, Market efficiency.

MKT 706: Consumer Behaviour

Basic factors influencing consumer behaviour with emphasis on managerial use of consumer decision making models, Buyers behaviour, Consumer information processing, Market segmentation, Learning and motivation.

MKT 708: Marketing Research II

Analysis and interpretation of data including various statistical methods, the feasibility study in business and industry, Types of market research, Problems of research in Nigeria.

MKT 710: Strategic Marketing

Marketing objectives, Planning and controlling, Target market, Market

segmentation and marketing strategies, factors militating against the development of efficient and effective marketing systems in developing countries and possible solutions.

MKT 712: Sales Management

Meaning of sales management, Objectives and roles of sales management, Characteristics of good sales force, Types of selling, Process of selling, Prospecting, Pre-Approach, Approach, Demonstration, Handling objectives, closing and follow-up, managing the sales force.

MKT 714: International Marketing

International strategies, Special goals, decision making process across several countries and section of entering strategies for foreign markets, Foreign operations in assessing economics, cultural and political aspects of international marketing.

MKT 718: Marketing Communications

Meaning of marketing communications, Communication process, Problem of communication, Advertising, Sales promotion, Personal selling, Publicity, Public relations, Direct marketing.

MKT 720: Distribution Management

Factors affecting choice of channels, Intermediaries, Channels of distribution, Problems of distributions, Retailing and wholesaling.

MAN 811: Management Thoughts and Philosophy

Idea and evolution of management as a field of endeavour, Classical theories, Scientific theories, Principles of Management, Administrative and human theories, Bureaucracy and Motivation, Contingency theory of management.

MAN 813: Advanced Entrepreneurship

Analysis of personal Efficacy and self-awareness, Personal characteristics of entrepreneurs, identification of ideas and venture capital opportunities, sources and availability of resources, Feasibility studies, Family business, Women entrepreneurship, Business succession plan, Keeping accounts and financial statement.

MAN 815: Imperatives of Globalization

Globalization overview, why has the global economy grown so rapidly? How is the

affecting the environment, local economics, and social and cultural customs throughout the world? Free trade, Economic globalization and technological changes, Globalization and the environment.

MAN 817: Advanced Research Methodology

Problems of research in developing countries, Common errors in research, Types of Research, Selecting a topic, Problem and hypotheses formulation, Research design, Instruments and data collection data, Analysis and interpretation, research report.

MAN 819: Industrial Relations

Concession bargaining, Worker participation programme, the growth of non-union firms represent a fundamental transformation in industrial relations practice, recent research and new theories arguing that such a transformation is occurring.

MAN 820: Multinational Enterprises

World trade organization and multinational trade agreements, Trade in goods, services, trade-related aspects of intellectual property rights and institutional issues, Future challenges facing the current multilateral trading system, Market access, Customs-related issues and trade rules.

MAN 822: Project Management and Feasibility Reporting

Meaning and definition, types of feasibility studies, Process involved in feasibility studies, Functions and roles of feasibility studies, Market scanning, Process of market survey.

MAN 824: Total Quality Management

Meaning and concept, Customer Concepts, Theories of total quality management, Roles and functions of total quality management, Quality in all ramifications, Quality in the ages of the customers, Quality in product, service, sales, and operations.

MAN 826: Management Information System

Practical application of computers, Management information processing, Electronic data processing, elements of computing mechanical and electronic, Types of computers and their applications.

MAN 828: Advanced Organizational Behaviours

Organizational dynamics, Organizations and the system concept, motivation and

job satisfaction, bases of individual attitudes and behaviours in organizational setting, individual and their relationship in organizations, group and inter group behaviours, Organizational change, Organization and environment.

MKT 811: Advanced Marketing Strategies

Foundations of strategic marketing, Strategic marketing management process, Opportunity analysis and market targeting, Case analysis in marketing management, Environment for strategic marketing management, Segmentation.

MKT 813: Advanced Entrepreneurship

Concepts and objectives, Analysis of personal efficacy and self-awareness, Personal characteristics of entrepreneurs, Identification of ideas and venture capital opportunity, Sources and availability of resources, Government regulations, National and international regulatory and support environment, Marketing plan, Policy and strategy, Feasibility studies, Business plan.

MKT 815: Imperatives of Globalization

Globalization overview, why has the global economy grown so rapidly? How is it affecting the environment, local economics, and social and cultural customs throughout the world? Free trade, economic globalization and technological changes, Globalization and the environment.

MKT 817: Advanced Research Methodology

Problems of research in developing countries, Common errors in research, Types of research, Selecting a topic, Problem and hypotheses formulation, Research design, Instruments and data collection data, Analysis and interpretation, Research report.

MKT 819: International Marketing

International Strategies, Special goals, Decision making process across several countries and selection of entering strategies for foreign markets, Foreign operations in assessing economic, Cultural and political aspects of international marketing.

MKT 820: Advanced sales and Distribution Management

Principles of selling, Sales management, Selling process, Determining sales policies and strategies, Sales forecasting, sales force management, channels of distribution, retailing, wholesaling.

MKT 822: Advanced Promotion Strategies

Integrated marketing communications, Communication process, Advertising, Personal selling, Direct marketing, Sales promotion, Publicity and public relations.

MKT 824: Advanced Pricing Policies

Pricing decisions and policies, Geographical pricing, Pricing a new product, Competitive pricing, Cost-plus pricing.

MKT 826 Marketing Information System

The roles and functions of marketing information system, marketing research, marketing intelligent report, Challenges in marketing information system.

MKT 828: Services and Product Marketing

Applications of functional marketing concepts to services and product marketing, Product development, Types of products, Level of products, Product life cycle.

2.12 Post Graduate Diploma in Public Administration (PGDPA)**Objectives**

The Post Graduate Diploma (PGDPA) is designed to:

- ❖ Provide understanding of the core courses in public administration
- ❖ Provide knowledge of the basic skills and tools for decision making in the discipline in the public and private sector.

First Semester

Core Courses		Credit
Units		
PUB 601	Introduction to Public Administration	3 Credits
PUB 603	Development Theory and Administration	3 Credits
PUB 605	Administrative Law	3 Credits
PUB 607	Local Government Administration	3 Credits
PUB 609	Public Finance	3
Credits		
PUB 611	Comparative Public Administration	3
Credits		
PUB 613	Administrative Theory	3 Credits
		21 Credits

Second Semester

Core Courses		Credit
Units		
PUB 602	Public Policy Analysis	3
Credits		
PUB 604	Public Enterprises Management	3 Credits
PUB 606	Project Analysis and Implementation	3
Credits		
PUB 608	Organizational Behaviour	3 Credits
PUB 610	Public Personnel Administration	3 Credits
PUB 612	Research Methodology	3 Credits
PUB 699	Research Project	4 Credits
		22 Credits

First Semester Courses

Course Description

PUB 601 - Introduction to Public Administration **3**

Credits

The course examines the scope, nature and approaches to public administration and private administration are compared, special emphasis will be placed on the Cameroon civil service.

PUB 603 - Development Theory and Administration **3 Credits**

The course examines smooth modes, development theories (economic growth, redistribution with growth, basic needs, the Marxist conception, the World Bank concept of the development) decentralization and development and participatory development. It considered approaches to rural development, the role of bureaucracy in third world development, and constraints to effective development. Other issues examined include population and development, culture and development. The concept of human development and how it relates to economic growth, and strategies for human development.

PUB 605 - Administrative Law **3 Credits**

The course examines the growth and characteristics of Administrative Law, legal safeguard over administration, judicial review of administration, administrative

procedure, and the Ombudsman. Case studies of legal adjustments of administrative authority and individual liberty, the distinction between public administration and private action, personal liability of officers, and scope and limits of administrative power.

PUB 607 - Local Government Administration

3 Credits

The nature, scope, significance and development of local government, evolution of local government system in Nigeria, management problems in local government/intergovernmental relations and services delivery, local governments as agents of socio-economic and political and political development.

PUB 609 - Public Finance

3 Credits

Examines the distinctive characteristics of government and institutional accounting in financial management, federal, state and local organization. Special methods of accounting and auditing in public agencies and levels of government. The course considers Macro/Micro allocation of resources, types of budgeting incrementalism, programme budgeting, zero base budgeting, MBO, bulk budgeting, structure budget margin, inter-government budget control, coordination of taxation.

PUB 611 - Comparative Public Administration

3 Credits

The course covers the concept of comparison in public administration and examines the context and system of administration in selected developed and developing countries. It emphasizes the political and policy-making roles of public bureaucracies, the relationship between organized interests and public agencies and the problems of bureaucratic accountability of political accessory in nation and the globe.

Second Semester Courses

PUB 602 - Public Enterprises

3

Credits

This course explores the problem of resources management in public sector organizations responsible for producing both private and social goods. The basic philosophy of public enterprise's needs, wants, social obligations and

responsibilities; and the interface between economic, social and political factors on one hand, and public sector decision-making on the other shall be examined. Other topics include character of public enterprises, planning, budgeting financial and other controls in public enterprises, problems of planning and coordination in public and private enterprises compete, and performance evaluation in public enterprises shall be covered. In addition, the dilemma of public enterprise; indigenization, divestment, privatization and commercialization, and the procedures for attaining any of these, shall be discussed drawing examples and case studies from successful countries in Africa and other continents.

PUB 604 - Public Policy Analysis

3 Credits

In this course, basic and related concepts are defined and explored: Public problem, public interest, public policy analysis. The course introduce the students to the nature and scope of policy decision theory, the dynamics of public policy formulation, implementation and evaluation. Special emphasis will be placed on the approaches to policy formulation and decision-making.

PUB 606 - Project Analysis and Implementation

3

Credits

This course introduces the students to the spatial aspects of the contemporary urban and regional units, their structural evolution overtime and the challenges they present to a national procedure of planning development. Particular emphasis is placed on the social, political and economic forces which lapse the land use arrangements of Nigeria and regional units.

PUB 608 - Organization Behaviour

3

Credits

This course examines conceptual models for organizational behaviour, group dynamics and informal organization, the dynamics of conflict, the basic motivational process, the motivation to work, leadership and power. It further deals with selection, job design and appraisal, applied behavioural analysis and change and organizational development and also the perceptual process and the learning process, and personality development and theory.

PUB 610 - Public Personnel Administration

This course is designed to familiarize the student with the process of effective

manpower management. The main focus of the course is recruitment, selection, training, motivation and labour management relations. Examples will be drawn from both public and private sectors.

PUB 612 - Research Methodology **3**

Credits

The objective of this course is to introduce the students to scientific enquiry through gathering and analysis of relevant data.

PUB 699 - Research Project **3**

Credits

The project presents a unique opportunity for the student to specialize in an aspect of administration through a supervised research on an approved topic in public management. The project should not be more than 15,000 words.

2.22 Master in Public Administration (MPA)

Philosophy

The philosophy of the MPA is to broaden and deepen the intellectual exposure of the students in core public administration courses so as to develop their capability to analyze and apply the skills and knowledge acquired during training in solving administrative problems in the public and private sectors.

Objectives

The MPA Programme is to develop the students' expertise in the functional areas of Public Administration so that they advance the frontiers of Public Administration theory and practice and enhance the contribution that the public Administration could make to nation building.

Admission Requirements

In addition to meeting the basic O' Level requirements, all candidates must have a degree in relevant disciplines from recognized University with minimum of Second Class Lower Division may be admitted. Similarly, graduates without a background in the social and management sciences should go through the PGDPA.

Course Structure

The MPA programme requires a minimum of 36 credit units made up as follows:

- Nine core courses **26 Credits**

➤ Two elective courses (3 credits each)	6
Credits	
➤ Thesis	6 Credits
Total	38 Credits
First Semester Courses	
Core Courses	Credit
Units	
PUB 701 Public Policy Analysis	3
Credits	
PUB 703 Organizational Theory and Behavior	3
Credits	
PUB 705 Public Financial Management	3
Credits	
PUB 707 Development Administration Theory	3
Credits	
PUB 709 Public Personnel Management	3 Credits
PUB 799 Thesis	6 Credits
	21 Credits
Second Semester Courses	
Core Courses	Credit
Units	
PUB 702 Comparative Public Administration	3
Credits	
PUB 704 Administrative Law	3 Credits
PUB 706 E-Governance in the Public Sector	3 Credits
PUB 708 Research Methodology	3 Credits
PUB 799 Thesis	6 Credits
	18 Credits
Elective Courses (Select two Courses)	
Performance Measurement and Management	3 Credits
International Administration	3
Credits	
Local Government Administration	3 Credits
Urban and Regional Planning	3
Credits	
Development Planning, Project Preparation & Implementation	3
Credits	
Public Enterprises Management	3 Credits
Inter-government Relations (IGR)	3 Credits

2.23 M.SC Public Administration

Philosophy

The philosophy of the programme underscores the need to provide graduate

education and training in public administration, which broadens the intellectual exposure of students in the discipline, develop their capacity to undertake rigorous and quality research in the core areas of the discipline, and apply theoretical understanding and research results to problem solving.

Objectives

- ❖ To develop the student's skills in critical thinking and analysis, logical reasoning and research methodologies to improve their capacity to undertaking rigorous and quality research and to make effective inputs in the formulation and implementation of public policy.
- ❖ To develop the student expertise in the functional areas of Public Administration so that they may advance the frontiers of public administration theory and practice and enhance the contributions that Public Administration could make to nation building.

Admission Requirements

In addition to meeting the basic O' Level requirements, all candidates must have a degree in relevant disciplines from recognized University with minimum of Second Class Lower Division may be admitted.

Course Structure

The M.Sc programme requires a minimum of 36 credit units made up as follows:

❖ Nine core courses	26 Credits
❖ Two elective courses (3 credits each)	6 Credits
❖ Thesis	6 Credits
Total	38 Credits

First Semester Courses

PUB 721	Research Methodology	3 Credits
PUB 723	Quantitative Methods	3 Credits
PUB 725	Public Policy Analysis	3 Credits
PUB 727	Organizational Theory and Behaviour	3 Credits
PUB 729	Public Financial Management	3 Credits

Second Semester Courses

PUB 722	Development Administrative Theory	3 Credits
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PUB 724	Comparative Public Administration	3
Credits		
PUB 726	Administrative Law	3 Credits
PUB 726	Local Government Administration	3 Credits
PUB 799	Thesis	6 Credits

Elective Courses (Select any Two Electives, one per Semester)

Performance Measurement and Management	3 Credits
E-Governance in the public sector	3 Credits
Urban and Regional planning	3
Credits	
Public Personnel Management	3 Credits
E-Governance in the public sector	3 Credits
Inter-governmental relations (IGR)	3
Credits	
Development Planning, Project Preparation and Implementation	3
Credits	

First Semester

Course Description

PUB 721 - Research Methodology	3
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Credits

Consist of all aspects of the research design the units of analysis, the multivariate techniques, and the manner in which time and processional change is conceptualized and measured. The multivariate techniques sampling techniques, simple correlative and other measure of association, analysis of variance, multiple regressions and path analysis, basic probability and normal distribution will be thought. Generally, the research design will cover areas such as cross sectional model, a lagged cross-sectional model and a time series analysis, parametric and non-parametric statistics.

PUB 723 - Quantitative Methods	3 Credits
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Introduction to quantitative goals need in political science including topics in set theory and functional analysis. Generally, this course is designed to give students in this programme basic quantitative statistical skill necessary for computation of data collected at field work.

PUB 725 - Public Policy Analysis	3 Credits
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This course is designed to provide the student with the techniques for policy analysis, formulation, implementation and evaluation. The course examines the relationship between bureaucrats, technical experts, interest groups and political executive in the policy process.

PUB 727 - Organizational Theory and Behaviour

3

Credits

The course examines the nature of theory and reviews major administrative theories. Emphasis will be on classical, neoclassical and modern theories. Theories from behavioural science as they apply to the understanding of the role of the individual as a member of organizations and to the effects of organization upon members; organizational socialization, climate and effectiveness, power, authority and decision-making in groups.

PUB 729 - Public Financial Management

3

Credits

This course exposes participants to the theoretical and practical realms within which governments strive to generate revenue for financing their development expenditure. Issues of major concern in the course include nature, scope and purpose of public finance; theories of state intervention in the economy, public good, allocative/distributive/stabilization functions, inter-governmental fiscal relations, aspects of national policies of hosting nations: economic, borrowing, debt, taxation, expenditure operating and accounting policies; contemporary public budgeting.

Second Semester

Course Description

PUB 722 - Development Administrations

3

Credits

The course examines theories of development (economic growth, redistribution with growth, basic needs, the Marxist conception, the World Bank concept of the development) decentralization and development and participatory development. It considers approaches to rural development, the role of bureaucracy in third world development, and constraints to effective development. Other issues examined

include population and development, culture and development. The concept of human development and how it related to economic growth; and strategies for human development.

PUB 724 - Comparative Public Administration

3 Credits

The course covers the concept of comparison in public administration and examines the context and system of administration in selected developed and developing countries. It emphasizes the political and policy-making roles of public bureaucracies, the relationship between organized interests and public agencies and the problems of bureaucratic accountability of political accessory in nation and the globe.

PUB 726 - Administrative Law

3 Credits

The course examines the growth and characteristics of Administrative Law, legal safeguard over administration, judicial review of administration, administrative authority and individual's liberty, the distinction between public administration and private action, personal liability of officers and scope limits of administrative power.

PUB 728 - Local Government Administration

3 Credits

The nature, scope, significance and development of local government, Evolution of local government system in Nigeria, Management problems in local government system in Nigeria, Management problems in local government, relationship between federal and state government service delivery, citizen participation and mobilization.

PUB 799 - Thesis

6 Credits

A programme of individual research bearing on a major area of concern to Public Administration and with new insight.

Elective Courses (Select any Two Electives, one per Semester)

Performance Measurement and Management

3 Credits

The course examines the concept of sector performance, input per man hour, and unit costs. It considers the planning, implementation and evaluation of performance. It presents the human, management, and workload factors negating performance and the major catalysts to improvement. The course considers the

how to measure performance in federal, state and local authorities and their agencies.

Public Personnel Management

3 Credits

This course is designed to familiarize the student with the process of effective manpower management. The main focus of the course is recruitment, selection, training, motivation and labour management relations. Examples will be drawn from both public and private sectors.

International Administration

3

Credits

An examination of the nature and functioning of international institutions (both universal and regional). Special emphasis will be placed on the structure and management of these organisations. The concept of international civil service, administering, international organisations, structure, recruitment, career patterns, behavioural issues etc. the role of the international civil service commission, decision making in international organisations.

E-Governance in the Public Sector/Electronic Governance and Administration 3 Credits

This course is designed to familiarize students with the approaches to e-governance; five stages of e-governance in the application of internet facilities in the planning, implementation and evaluation of service delivery. It examines the three fold classification of e-governance; e-governance as government as government to government, government to business and government to citizens. Online service delivery, in health care, education, agriculture, judicial administration, business, arts, culture, rural and urban development, and local authority, state and federal administration, and information communication management. It further examines obstacles to e-governance and strategies for overcoming the barriers.

Urban and Regional Planning

3 Credits

This course introduces the students to the spatial aspects of the contemporary urban and regional units, their structural evolution overtime and the challenges they present to a national procedure of planning development. Particular emphasis is placed on the social, political and economic forces which lapse the land use arrangements of Nigeria and regional units.

Development Planning, Project Preparation and Implementation 3 Credits

This course examines the concept, models and types of plan, theories of planning, politics of planning, programme planning and objectives and plan implementation. It further considers development plan experience in Nigeria, the procedure for planning and its implementation, and the essence of planning.

Inter-governmental relations (IGR)	3
Credits	

The principal objectives of this course are to acquaint students with the various conceptual models of federalism which helps to explain the nature and working of inter-governmental system. To examine the forces of changes and the factors which preserve federal systems, to examine the dynamics of non-governmental relations, types of conflict and cooperation between various levels of government, to explore the challenges of federal systems especially the problems of public finance, ethnicity, civil rights, urban governance, to study policy development and proposals for public management and the processes of federal policy implementation.

First Semester

901 The Public Service. **3 Credits**

Includes the changing image of the public service, a changing climate, efforts to support the public service a changing climate, trends in the public service, future trends, and the ethical challenge.

902 New Public Management. 3 Credits

Includes key recent changes in public services, the new public management as rising bodies of managerial thought, the new public management in international perspective, some underlying themes and question, approach and method.

903	Public Sector Restructuring.	3
Credits		

Includes theoretical developments, public sector context, and evidence of system wide change.

904 The Creation and Evolution of Quasi-Markets. 3 Credits

Includes the new public management and quasi-markets, the quasi-market phenomenon, characterizing quasi markets –some theoretical issues, the creation

and evolution of quasi some empirical evidence from the NHS.

905 A Process of Transformational Change. 3

Credits

Includes from change to transformation, multilayered changes within organization, changes to the technology and delivery systems, reconfiguration of individual roles and power relations, changes to the cultures of the organizations.

906 Board Composition: Managers and “Magistrates”. 3

Credits

Includes the growth of non-elected bodies, the transference of private sector models to the public sector, from authorities to boards.

907 The Board: From ‘Rubber Stamp’ To Strategy-Maker. 3 Credits

Includes private sector boards, strategy formulation as a process, board process, concluding discussion.

Research Methodology 3 Credits

Second Semester

908 Professionals and the New Public Management. 3

Credits

Includes key concepts in relation to professionalism, the impact of competition and a quasi-market on professionals, the changing management process and the impact on professionals, individual professionals, professional managers, and hybrids.

909 The Question of Accountability: New Forms or a Democratic Deficit? 3

Credits

Includes the growing debate, alternative models of accountability, purchasing organizations – will they really develop as tributes of the people, the need for more robust models of accountability.

910 The Public Sector. 3 Credits

Includes problems of definition, the size and scope of the public sector, public and

private organizations, from public administration to public management. Values of administration, politics and the policy/administration dichotomy, accountability.

911 Bureaucracy: Idea and Operation. 3

Credits

Includes origins of the term, what are the features of bureaucratic administration, who are the bureaucrats? Is bureaucratic suitable for public sector organizations? Are public sector organizations bureaucracies? Bureaucracy assessed the new right critique of bureaucracy, from bureaucracy to adhocracy.

912 The Informal Organization. 3

Credits

Includes the human relations approach, the individual, group in organizations, professional groups, discretion, culture, power and conflict with organizations, pluralism, elitism, Marxism, corporatism, the definition of power, the basis of power, power and decision making, power and conflict, conclusion.

913 Leadership. 3 Credits

Includes how do we define leadership? Who are the leaders? What does leadership consist of? What do leaders do? The local authority chief executive, conclusion, motivation and morale, theories of motivation, implications for managers, public sector, human resources.

914 Planning and Decision Making. 3 Credits

Includes planning, what do public sector organizations plan? Resourcing the public sector, getting: the revenue raising process, spending, the role of the budget, organizational culture and public spending, case study central government, case study, local government.

915 Responding to the New Agenda. 3 Credits

Includes organizational change, organizational learning, agents of and obstacles to change, management consultants and change, excellence for the public services? Changing organizational forms, influence of business management techniques, quality.

916 The Management Tasks. 3 Credits

Includes management education, generic and differential list approaches, the management task, managing in the personal social services, management and professionals, managing across organizational conclusion.

Third Semester

917 Local Authorities. 3 Credits

Includes their constitutional basis, their relationship with each other, their relationship with the central government, people in local government, the elected councilors, the full time staff, party politics in local government, the revenue of local authorities.

918 The Cities of West Africa. 3 Credits

Includes Sierra Leone, Ghana, Nigeria, The East, West, North Cameroon.

919 The Public Service. 3 Credits

Includes what is a public service? The boundary between the public and private sectors, privatization, and the institutions of the state in Nigeria.

920 Politics and the Public Sectors. 3 Credits

Includes foundation of the public sector, the PLUSEGUIN years major years, the first ABACHA government, the politics of management.

921 Social Policies and Management. 3

Credits

Includes income maintenance, health services, relationships between central and local government, community care, education, housing, criminal justice, relationships between policy areas.

922 Modes of Control and Management Arrangements. 3 Credits

Includes managing through markets, why rule by markets? Markets for services, compulsory competitive tendering and best value, market for care (community care), markets for capital, markets and managerial behaviour, a competitive spectrum, fragmentation of services, competitive strategy, competitive and privatization, implications, for public services.

923 Managing Through Contracts. 3 Credits

Includes different forms in different sectors, influences on the type of contract,

obligational and adversarial contracting, learning to manage through contracts, expensive failures.

924 From Contracting to Collaborations. 3 Credits

Includes why collaborations, collaboration and managerial behaviour, conditions that promote successful collaboration, collaboration between the public and private sector.

Fourth Semester

925 Controls through Audit and Inspection 3 Credits

Includes, audit and inspection, the managerial consequences of inspection, dealing with scrutiny, management style and inspection.

926 Service Design and Customer Orientation. 3 Credits

Includes approaches to customer orientation, customer oriented service design, quality, citizen, oriented service design.

927 Managing Performance. 3 Credits

Includes why measure and manage performance, what is being managed? Uses of performance information.

928 Managing People. 3 Credits

Includes approaches to managing people, control systems and employment relationships, pay conditions.

929 Managing Money. 3 Credits

Includes management and financial control, the national budget process, financial control, cash and resources, decentralized financial management, how spending get out of control, private finance initiative and public –private partnerships.

930 Central Government. 3 Credits

Includes the institutional framework, the House of Commons, the civil service, the foreign office, central government, finance, democracy at work, Southampton labour, campaign for the homeless.

First Semester

931 Other Public Sectors Organization.

3

Credits

Includes the quasi-government sector, health authority.

932 An Era of Change.

3 Credits

Includes the traditional model of public administration, new public management, the role of government, public enterprise, public policy and policy analysis, strategic management, managing internal constituencies, public management in developing countries, politics and administration.

932 Public Administration

3 Credits

Includes preparing for Administrative positions, combining technical and managerial training, interaction of business and government influencing public organizations, making things happen. Includes the values of democracy, contrasting business and public administration, an inventory of public management skills, voices of public administrators. Includes the developments of intergovernmental relations, dual federalism, cooperative federalism, more recent developments, the Reagan years, the state and local perspective, funding patterns in federal/state/local interaction, regulation and mandating, subnational relationships. Working with nongovernmental organizations, privatization, contracting other mechanisms for privatization.

933 Political Context of Public Administration

3

Credits

Includes administrative organizations, executive leadership, administrative organization, the state level, the local level, non-profit organization and association. Includes the policy process, types of policy, sources of bureaucratic power, legislative supervision: structural controls, legislative supervision oversight, and legislative supervision case work, relationships with the judiciary, concerns for due process, the courts and agency administration. Includes approaches to ethical deliberation, reasoning, development, and action, issues of administrative responsibility, efficiency versus responsiveness, the limits of administrative discretion, avenues for public participation, the ethics of privatization, ethical problems for the individual, interacting with elected officials, following orders,

conflicts of interest, whistle blowing, political activities, managing ethics, establishing an ethical climate.

Sixth Semester

934 Thesis/ seminars/ term papers presentation

2.24 Master of Science in Hotel and Tourism Management and Doctor of Philosophy

2.24.1 M.Sc Hospitality Management

Year I	Credit Hours
801 Housekeeping Operations & Management	3
802 Culinary Services & Management	3
810 Culinary French	3
803 Sociological Impacts of Tourism	3
812 Travel& Tourism Management	3
806 Property Maintenance Management	3
804 Sports, Hospitality and Tourism	3
805 Marketing Management	3
805 Emerging Trends in Hospitality	3
806 Transport Systems & Management	3
Year II	
801 Use of Computers and Software in Hospitality & Tourism	3
802 Operations& Management in Hospitality	3
802 Food and Beverage Management	5
803 Front Office Management	3
804 Advanced Hospitality Marketing	3
810 Advanced Lodging Operations	3
805 Advanced Hospitality Financial Management	3
806 Advanced Human Resources Management	3
807 Statistical Tools for Hospitality & Tourism Research	3
899 Thesis	6

Detailed Syllabi

801 Housekeeping Operations & Management 3 Credits

Introduction to Accommodation and Hotel Management; Overview of the Accommodation Industry; Rooms Division; Organizational Functions and Functional Relationships; The Accommodation Product; Types of Accommodation;

Front Office Operations: Front Office Systems, Guest Cycle and Rate Structures;
 Front Office Management: Planning and Evaluating Front Office Operations Yield
 Management; Housekeeping Operations; Cost Control Processes and Procedures,
 Front Office, Housekeeping, Night Auditing; Safety and Security Systems; Quality
 Assurance in the Provision of Accommodation; Handling Guest Complaints;
 Communication

802 Culinary Services & Management

3 Credits

Fundamental theories of culinary science, including an introduction to food science and theories of culinary science, Comparative food culture, Food quality evaluation, the physical properties of bread, and medicinal foods. Fundamental theories of the food service and science, including nutrition and food science, food service businesses such as menu management, sanitary management theories, cost management theories, food service finance and accounting theories, and HR management theories, food service consumer behavior theories and food service marketing for the customer-centered management of food service businesses.

810 Culinary French

3 Credits

General French - Pronunciation; the Alphabet, the Accents

Numbers - Cardinal; Ordinal

Time (only 24 hr clock); Days of the week; Months of the year; Date

Weights & Measures

Conjugation of verbs in the present tense relevant to the hotel industry
 (only 'je' and vous' & 'nous' forms)

Dialogues related to Hotel Operations

Food & Beverage Service French - **Restaurant** Brigade; Hot Plate
 Language; the French Classical Menu (17 courses) with classic
 examples of each course, terminology and meanings in brief; Wines
 Laying a cover

French in **Food Production** - The Kitchen Brigade ; Ingredients used in
 Kitchen (dairy products, vegetables, fruits, meat, fish, etc); French
 Cheeses ; Culinary Terms in French ; Recipes

803 Sociological Impacts of Tourism

3

Credits

Theories of guest – host interaction, changes in society, attitudes, language photography and staged shows, gambling, drugs, sex tourism; Unification of culture, natural and contrived, commercialization of culture and trends.

812 Travel & Tourism Management

3

Credits

The Tourism Phenomenon- Definition – Tourism; Tour; Tourist; Visitor; Excursionist; Domestic; International; Inbound; Outbound; Destination. ; Growth of Tourism / Evolution /History of Tourism & Present status of tourism; Thomas Cook – Grand Circular Tour

Constituents of Tourism Industry- Primary Constituents;Secondary Constituents; The 4 A's of Tourism – Attraction, Accessibility, Accommodation, Amenities;Career Opportunities for tourism professionals

Infrastructure of Tourism - Role of Transport in Tourism;Modes of Transport: Road, Rail, Air, Sea. ; Types of Accommodation – Main & Supplementary

Types of Tourism - Types of Tourism: - Various Motivators Holiday, Social & Cultural, MICE Religious, VFR (Visiting Friends and Relatives), Sports, Political, Health, Senior Citizen, Sustainable Tourism;Alternative Tourism: Eco Tourism, Agro Rural Tourism

The Impact of Tourism- Economic Impact – Employment generation, Foreign Exchange Earnings, multiplier effect, Leakage, Infrastructure development. ; Social, Cultural & Political Impact – Standard of living, passport to peace, International understanding, Social Integration, Regional Growth, National Integration. ; Environmental Impact – Tourism pollution & control, wild life & bird sanctuaries & their protection for tourist industry.

The Tourism Organizations - Objectives, Role & function of: Government Organizations: DOT, ITDC, MTDC, ASI, TFCI. ; International Organizations: WTO, IATA, PATA; NGO: Role of NGO in making responsible tourists.

The Travel Agency - Meaning & Definition of Travel Agent; Types of Travel Agent: Retail &Wholesale; Functions of Travel Agent e.g. Provisions of Travel Information, Ticketing, etc

The Tour Operator - Meaning &Definition,Types, Tour Packaging, Guides and

escorts

Travel Formalities and Regulations - Passport – Definition, issuing authority, Types of Passport, Requirements for passport; Visa – Definition, issuing authority, Types of visa Requirements for visa. ; Health Regulation – Vaccination, Health Insurance. Economic Regulation – Foreign Exchange

Itinerary Planning - Definition, Steps to plan a Tour, Route map, Transport booking, Accommodation reservations, Food facilities, Local guide / escort, Climate / seasonality, Shopping & cultural show, Costing

806 Property Maintenance Management

3

Credits

Maintenance & Replacement Policy - Importance of maintenance dept. in Hotel Industry; Organization of maintenance Dept. in 3/4/5 star hotel; Duties & responsibility of chief Engr. of a hotel; Types of maintenance with examples of each; Advantages & disadvantages.; Maintenance chart: for Swimming pool and Kitchen.; Reasons for replacement of equipment.; Replacement factors; Economic replace of equipment; Contract of Maintenance -Definition & procedure, types. Advantages & disadvantages.

Refrigeration- Definition, Pressure, Energy, Heat, Temperature, Specific heat, Sensible and latent heat, Relative humidity, DBT, WBT ; Block diagram and function of :Boiler, Condenser, Compressor, Evaporator, Heat Exchanger ; Unit of refrigeration ; Vapour compression Refrigeration system (Block diagram) ; Absorption refrigeration system (Block diagram) ; Domestic Refrigerator, defrosting, Need, Methods, Maintenance of refrigerator ; Refrigerant :types , properties of good refrigerant.; Ammonia as a refrigerant.

.Air-conditioning- Factors affecting comfort AC (supply of oxygen, removal of heat & moisture proper air circulation, pure air); Factors affecting on AC load. Types of AC systems: Central AC, Unitary AC. AC equipment: Air filter, Humidifier, Dehumidifier. Window AC Walk in freezer, cold storage. Pollution & Control - Air pollution (Sources. Control, Govt. stipulated conditions for air pollution.); Water pollution. (Sources, control methods, Govt. stipulated conditions for water pollution); Waste Disposal; Noise pollution control. ; Environmental Degradation, Global warming and methods of Conservation, Concept of Recycling **Water** and

Sanitation. Water purification methods. Methods of water softening ; Cold and hot water distribution system; Various plumbing fixtures.; Types of sanitary traps and their applications.; Types of water closets and flushing.

Fuels and Electricity. - Methods of heat transfer; Units of heat. ; Safety devices such as fuse, circuits breaker; Methods of lighting (Direct, Indirect) ; Types of electric supply ; Importance of energy conservation.

Safety in hotel Industry. - Classification of fire,symbols. ; Methods and types of fire extinguishers; Fire detectors, alarm;various security system for hotel (Key control, Door, valuable guest).

804 Sports, Hospitality and Tourism

3

Credits

Defining hospitality & Tourism; The Tourism Business ; Economics and the impact of tourism; DestinationsMarketing; The Restaurant Business; Sports, Events and Entertainment; The Hotel Business; The Marketing Environment; Designing Products; Exploring Careers in Hospitality & Tourism; Sports Industry – scope, organizations, types of jobs and opportunities found in the industry

805 Marketing Management

3

Credits

Introduction to Marketing - Definition and concept of Marketing ; Marketing Management - Philosophies and pillars of Marketing management; 7 P's of Marketing mix ; Analysis of Current business environment; Consumer Behaviour; Market Segmentation; Products (Levels of Product, Hospitality products, Branding, New Product Development, Product Life Cycle; Price and Pricing; Distribution; Marketing Promotion; Marketing organization; Customer satisfaction & Quality (Customer Value and satisfaction, Five gap model of service quality, Benefits of service quality, Retaining customers, handling customer complaints, Relationship marketing, Monitoring and measuring customer satisfaction)

805 Emerging Trends in Hospitality

3

Credits

Labour and skill shortage, emerging markets, competitiveness, government

initiatives and intervention, health and safety, public liability, safety and risk management, social and environmental issues, corporate responsibilities, cost containment, Market Segmentation and Overlapping Brands, increased guest sophistication, technological issues, economic issues, increased vacation and leisure time

806 Transport Systems & Management

3 Credits

Transportation as dynamic & visual manifestation of tourism. History of different modes of transportation. Growth of civilization and role of transport. Development & present status of means of transportation in different parts of India & World: a comparative study. Airlines & tourism: history of airlines'. Role and contribution of air. Infrastructural basis of airlines. Role of airlines in tourism promotion: recent policies regarding airlines, problems of airlines business. Surface transport & tourism: importance of surface transportation. Infrastructural basis for surface transport in tourism promotion. Coaches' car rental system. Taxes & subsidies on tourist coaches & cars. Problems faced by surface transport sector. Railway & tourism: history & present status. Role of railway in tourism promotion. Special trains & packages for tourists. Government policies regarding railway. Problems faced by railway transport. Water transport: history & present status of water transport in seawater & inland waters. Cruise ships, luxury lines.

801 Use of Computers and Software in Hospitality & Tourism

3

Credits

Introduction to computers and computer science Data representation and transmission Number bases Overview of hardware and software. Document processing Main storage Backing storage Workstations and terminals Output devices Data capture and data entry Human computer interfaces Data Communications and networks Operations on data Program design and specification Computer file concepts File organization and access. File processing Spreadsheets Computer arithmetic Machine logic the input-output subsystem Operating systems

802 Operations & Management in Hospitality

3 Credits

Nature and scope of production & operations management, production functions, Responsibilities of the Production Manager. Types of manufacturing systems, Plant

location and plant layout. Production planning and control, Procedure, objectives and importance of production planning and production control, scheduling. Materials & stores management, Inventory control, relevant costs, economic lot size, inventory analysis, JIT, standardization & specialization, Automation Work study, Method study, work measurement, flow charts, industrial safety and health considerations, maintenance of production facilities. Quality control and inspection, sampling inspection, quality control charts, concept of TQM & ISO

802 Food and Beverage Management

5 Credits

Menu planning; Types of menu and food groups; Bakery and pastry. Cook chill and cook freeze. Cocktails - Introduction, History, Methods of Mixing cocktails, Rules of mixing cocktails, Classic Cocktails- Recipes, Cocktail Bar Equipment, garnishes, decorative accessories. Banquets - Organization structure, Duties & Responsibilities of banquetting staff, Administrative Procedures, Formats Maintained, Banquet Function Prospectus, Types of Function, Menu Planning for different banquets, Seating Arrangements.

Gueridon Service - Origin and definition, Types of Trolleys and layout, Special equipment, Service Procedures, Service of important classical dishes. Food & Beverage Cost Controls - Control Cycle, (Planning Cycle, Operational Cycle, Post Operational Cycle); Elements of Cost; Cost Dynamics & Break – Even; F & B Inventory Control (Basic Cost Control, Re order Level, ABC Analysis, EOQ). Bar operations. Guerdon service.

803 Front Office Management

3

Credits

Qualities and equipment and tools required for front office operations, reservation functions and methods, Reception and security staff and services, Planning operation, Budgeting for operation, Room forecasting, Evaluation front office operations, Handling currencies, Handling Guest complaints Whitelisting and blacklisting

804 Advanced Hospitality Marketing

3Credits

Understanding the role of Marketing in Society, Marketing Orientation in

Organizations, Marketing Environment and Information Analysis, Consumer and Industrial Buyer Behaviour, Forecasting Market Demand, Segmentation, Product Life Cycle, Concepts of Value, Differentiating & Positioning of Products and Launching New Products. Product line and Brand Management, Services Marketing, Pricing Policies and their Impact on Business

Decisions, Advertising and Communication Management, Sales Force Management and Distribution Management

810 Advanced Lodging Operations

3 Credits

Planning and evaluating budgets; Interior Design in a Guest Room Layout ; layout of Guest Rooms to scale, Housekeeping set up; safety hazards and implementing preventive and remedial measures ; Risk and environmental management; Property operation – furniture and accessories. Meeting Incentive Convention Exposition (concept, importance, planning); Sales & Marketing Department; Use of computer technology in Rooms Division; Yield Management (Concept of ARR & Rev PAR, importance of Yield Management, Forecasting)

805 Advanced Hospitality Financial Management

3

Credits

Financial Statement Analysis, Valuation, Capital Budgeting, Risk and Return, Long Term and Short Term Financial Planning, Financial Engineering Balance sheets and profit and loss account. Accounting mechanics. Accounting Records and Systems. Understanding published accounts of companies. Use of software in accounting.

806 Advanced Human Resources Management

3

Credits

Organizational strategy, structure, culture and change; and their implications for HRM. Employee sourcing, recruitment and selection, performance management, reward management, training and development and employee relations. Emerging areas in academic literature and practice. Critical perspectives.

807 Statistical Tools for Hospitality and Tourism Research

3

Credits

Descriptive Statistics – Mean, Standard deviation, Relative standard deviation. Coefficient of variation, Confidence limits of a measurement, Propagation of errors; Probability Concepts; Random Variables; Probability Distributions: Binomial,

Poisson and Normal; Estimation with Confidence Intervals; Hypothesis Testing; Chi-Square Tests; Analysis of Variance; Simple Regression and Correlation Analysis; Time Series Analysis

899 Thesis

6 Credits

Students will be assigned a selected theme pertaining to the opted specialization for writing a Dissertation. The Dissertation will be an outcome of field enquiry and data analysis as well as review of the existing literature in the particular area of study.

2.24.2 M.Sc. Tourism Management

Year I	Credit Hours	
816 Sustainable Tourism	3	
801 Gender Tourism		3
802 The Tourist Experience		3
803 Socio-cultural Impacts of Tourism	3	
812 Travel & Tourism Management		3
813 Ecotourism	3	
804 Sports, Hospitality and Tourism		3
805 Marketing Management		3
805 Emerging Trends in Tourism	3	
806 Transport Systems & Management	3	
807 Research Methods	3	
Year II		
801 Use of Computers and Software in Hospitality & Tourism	3	
822 Tourism Planning and Development	3	
802 Global Tourism Geography	3	
803 Urban Tourism	3	
804 airfares and Airlines Management	3	
805 Financial Management		3
806 Human Resource Mgt.	3	
818 International Tourism Destinations	3	
823 E-tourism		3
807 Statistical Tools for Hospitality & Tourism Research		3
899 Thesis	6	

Detailed Syllabi

816 Sustainable Tourism

3 Credits

The Concepts of Sustainable Development; Heritage and Patrimony; Natural and Cultural Assets; How the Tourism Industry Works; the Roles of Tour Operators in the Tourist Originating and Destination Countries; the Role of the Market and the Ways in Which it can be Harnessed to Achieve Change: Sustainable Tourism, Mass Tourism, Alternative Tourism, Ecotourism and Responsible Tourism, the Concept of Conservation and the Form it Takes; Sustainable Tourism Agenda: Green Tourism, Environmental Impacts, EIA's, Green Globe.

801 Gender Tourism

3 Credits

Gender and economic interest in tourism: prostitution: the nature, development and implications, sex tourism and the development of sex tourism, economy of the labour force, women's tourism-related employment, economic relations and conditions of employment - social conditions and women employed under employment opportunities and satisfaction, .women employment in the hotel sector, gender segmentation in the hotel sector flexibility in hotel employment in regional distribution of hotel employment in other tourism sectors , women and the provision of bed and breakfast accommodation, Access to tourism and leisure cultural preferences and segmentation, Local cultural tensions and latent conflicts; work and property: informality, polyvalence, and seasonality, Segmentation in female labour force employment in activities related to tourism, social polyvalence and segmentation; Legal and illegal exploitation of property with women in alternative forms of tourism.

802 The Tourist Experience

3

Credits

Learning behavior, tourist expectations, quality of experience, quality of tourist event, process of generating tourist satisfaction;the tourist resort area - description, explanation, prediction, prescription, physical attractiveness, safety, healthy toilets; destination cycle

803 Socio-cultural Impacts of Tourism

3 Credits

Attitudes of the host community, the social impact of the life cycle, tourism and cultural activities – handicrafts, languages, traditions, gastronomy, art and music, architecture, religion, dress; leisure tourism and developing areas; tourism and heritage, impact of holiday homes, tourism and crime, tourism and cultural

activities, factors that protect and erode host communities, tourism and prostitution.

812 Travel & Tourism Management

3

Credits

The Tourism Phenomenon- Definition – Tourism; Tour; Tourist; Visitor; Excursionist; Domestic; International; Inbound; Outbound; Destination. ; Growth of Tourism / Evolution /History of Tourism & Present status of tourism; Thomas Cook – Grand Circular Tour.

Constituents of Tourism Industry- Primary Constituents;Secondary Constituents; The 4 A's of Tourism – Attraction, Accessibility, Accommodation, Amenities;Career Opportunities for tourism professionals.

Infrastructure of Tourism - Role of Transport in Tourism;Modes of Transport: Road, Rail, Air, Sea. ; Types of Accommodation – Main & Supplementary.

Types of Tourism - Types of Tourism: - Various Motivators Holiday, Social & Cultural, MICE Religious, VFR (Visiting Friends and Relatives), Sports, Political, Health, Senior Citizen, Sustainable Tourism;Alternative Tourism: Eco Tourism, Agro Rural Tourism.

The Impact of Tourism- Economic Impact – Employment generation, Foreign Exchange Earnings, multiplier effect, Leakage, Infrastructure development. ; Social, Cultural & Political Impact – Standard of living, passport to peace, International understanding, Social Integration, Regional Growth, National Integration. ; Environmental Impact – Tourism pollution & control, wild life & bird sanctuaries & their protection for tourist industry.

The Tourism Organizations - Objectives, Role & function of: Government Organizations: DOT, ITDC, MTDC, ASI, TFCL. ; International Organizations: WTO, IATA, PATA; NGO: Role of NGO in making responsible tourists.

The Travel Agency - Meaning & Definition of Travel Agent; Types of Travel Agent: Retail &Wholesale; Functions of Travel Agent e.g. Provisions of Travel Information, Ticketing, etc.

The Tour Operator - Meaning &Definition,Types, Tour Packaging, Guides and escorts.

Travel Formalities and Regulations - Passport – Definition, issuing authority,

Types of Passport, Requirements for passport; Visa – Definition, issuing authority, Types of visa Requirements for visa; Health Regulation – Vaccination, Health Insurance. Economic Regulation – Foreign Exchange.

Itinerary Planning - Definition, Steps to plan a Tour, Route map, Transport booking, Accommodation reservations, Food facilities, Local guide / escort, Climate / seasonality, Shopping & cultural show, Costing.

813 Ecotourism

3 Credits

Environmental Studies: Definitions, components of environment, types of environment (an overview of food chains, food web and energy flow). Bio – Geo Chemical cycles; Environmental Pollution– Air, Water and Noise, Pollution with special reference to tourism activities. Greenhouse effect. Depletion of ozone layer treats due to global warming; Concept and Origin and Emergence of Eco-tourism- growth and development .Definitions. Principles of Eco-tourism. An overview of Eco-tourists ; Eco-tourism Resources – Caves, National Parks, Wild life sanctuaries, Tiger Reserves, Biosphere Reserves, Wet lands, Mangroves, Coral reefs and desert Ecosystem. ; Eco-tourism Planning and development strategies– Eco-tourism strategies with special reference to Environmental Protection (Environmental Impact Analysis), Product development, Marketing and Promotion, Infrastructure development, Industry involvement training programme both at operational and promotional level.

804 Sports, Hospitality and Tourism

3

Credits

Defining hospitality & Tourism; The Tourism Business; Economics and the impact of tourism; Destinations Marketing; The Restaurant Business; Sports, Events and Entertainment; The Hotel Business; The Marketing Environment; Designing Products; Exploring Careers in Hospitality & Tourism; Sports Industry – scope, organizations, types of jobs and opportunities found in the industry

805 Marketing Management

3

Credits

Introduction to Marketing - Definition and concept of Marketing ; Marketing Management - Philosophies and pillars of Marketing management; 7 P's of Marketing mix; Analysis of Current business environment; Consumer Behaviour;

Market Segmentation; Products (Levels of Product, Hospitality products, Branding, New Product Development, Product Life Cycle; Price and Pricing; Distribution; Marketing Promotion; Marketing organization; Customer satisfaction & Quality (Customer Value and satisfaction , Five gap model of service quality, Benefits of service quality, Retaining customers, handling customer complaints , Relationship marketing , Monitoring and measuring customer satisfaction).

805 Emerging Trends in Tourism

3 Credits

Socio political happenings, - political instability, regionalism, and national integration; climate change and other environmental issues; Terrorism and tourism: safety and security issues in tourism; .Emerging patterns in travel and tourism. Guest host issues, women and child issues, tourism and poverty alleviation. Crime and tourism. Taxation - present scenario and future challenges, foreign exchange. Merger, acquisition of tourism enterprises; Imbalances in inbound and outbound tourism. Medical tourism sustainability; .Privatization of tourism resources; Human resource issues. Gap in industry and academia. Quality of tourism research; Legal issues; Economical crises and its impact on tourism.

806 Transport Systems & Management

3 Credits

Transportation as dynamic & visual manifestation of tourism. History of different modes of transportation. Growth of civilization and role of transport. Development & present status of means of transportation in different parts of India & World: a comparative study. Airlines & tourism: history of airlines'. Role and contribution of air. Infrastructural basis of airlines .Role of airlines in tourism promotion: recent policies regarding airlines, problems of airlines business. Surface transport & tourism: importance of surface transportation. Infrastructural basis for surface transport in tourism promotion. Coaches' car rental system. Taxes & subsidies on tourist coaches & cars. Problems faced by surface transport sector. Railway & tourism: history & present status. Role of railway in tourism promotion. Special trains & packages for tourists. Government policies regarding railway. Problems faced by railway transport. Water transport: history & present status of water transport in seawater & inland waters. Cruise ships, luxury lines

807 Research Methods

3 Credits

Introduction:- Meaning, objectives and significance of research, types of research,

research process; Social science Research - Meaning, scope and objectivity of social science Research, Ethics in social science research.; Tourism research:- Major Areas for research in Travel and Tourism, Challenges and status of Tourism research; Research Design:- Meaning, need and important features, & steps. Types of research design, selection and formulation of research problem. Hypothesis: - Nature & role in social sciences. Measurement and scaling techniques: Measurement in research, measurement scales, tests of sound measurement, techniques of developing measurement tools, scaling, meaning, classification, and its techniques ; Sampling design: Census is sample survey, sampling Techniques or methods, sample design and choice of sampling techniques, sample size, , sampling & non-sampling errors., Data collection: Sources of data required, methods of collecting primary data, observation, interviews method, the questionnaire, mail survey, projective techniques simulation Vs. experimentation. Data processing: Introduction, editing of data, classification and coding of data, transcription, tabulation, graphical presentation of data. Data analysis: Statistical analysis, hypothesis testing Chi-square(X²) Test, analysis of variance (ANOVA). Report writing and presentation: substance of reports, formats of reports, presentation of reports. Computer Applications in Research SPSS, EXCEL etc.

801 Use of Computers and Software in Hospitality & Tourism 3

Credits

Introduction to computers and computer science Data representation and transmission Number bases Overview of hardware and software. Document processing Main storage Backing storage Workstations and terminals Output devices Data capture and data entry Human computer interfaces Data Communications and networks Operations on data Program design and specification Computer file concepts File organization and access. File processing Spreadsheets Computer arithmetic Machine logic the input-output subsystem Operating systems

822 Tourism Planning and Development 3

Credits

Background for and Approach to Tourism; Public Sector's Role in Planning and Development; Destination Development – Destination Life Cycle Concept;

Incorporating Elements of Tourism Experience into the Lifecycle Model; Destination Life Cycle and Tourism Development; Carrying Capacity; Impact Analysis – Economic Considerations; Social Considerations; Environmental Analysis; Different Forms of Tourism and Planning; Sustainable Tourism; Principles of Site Selection; Plan Formulation and Implementation

802 Global Tourism Geography

3 Credits

Definition, scope and contents of Geography of Tourism. Approaches, Methodology and Techniques Analyses in Geography of Tourism. Importance of Geography of Tourism. Natural and climatic regions of the world in brief. How to read a map. Latitude, Longitude, International dateline, time zones and calculation of time. Time differences, GMT variations, concepts of elapsed time, flying time, groundtime. Standard time and summer time (day light saving time). Conceptual Framework of Models in Geography of Tourism and spatial perspectives in Analysis and Developmental strategy. Types, forms, patterns and linkages in Tourism. Impact of weather and climate on Tourist destinations. Geographical Determinants: Diversities and disparities. Typology of area and Linkages flows and orientation. Political and physical features of world geography. Destinations in North America (United States of America: New York, Washington, Los Angeles, San Francisco, Orlando, Dallas, Canada: Ottawa, Montreal, Vancouver, Mexico). Central America (Costa Rica, Panama, Belize etc) Europe: France, Spain, Italy, United Kingdom, Moscow, Germany, Austria, Greece Switzerland, the Netherlands. Africa: South Africa, Mauritius, Kenya. Middle East: Egypt, Morocco, Saudi Arabia, United Arab Emirates, Mecca-Madina. North & East Asia/ Pacific China, Malaysia, Thailand, Singapore, Australia, Japan. South Asia: SAARC Countries.

803 Urban Tourism

3 Credits

Theoretical concept, advantages, marketing and strategic development of the urban tourism, Cultural tourism, media of cultural tourism, symbiosis between culture and tourism. From cultural resources to tourists products - the production process, tourism activities, sociofacts, artifacts, mentifacts; responsible planning, resource management, visitor management,

804 Airfares and Airlines Management

3 Credits

History, growth and development of aviation industry. Role of IATA and its function, ICAO its role and function, Airport Authority - role and function, Open sky policy, International conventions; Warsaw convention, Chicago convention 1944; Management of Airlines – Types of airlines, airlines personnel and revenue earning, airport management, study of aircraft parts, the aircraft turnaround, the control tower, Airport facilities and special passengers, airport access, check in facilities, landing facilities for departing passengers, in-flight services, cabin component, audio and video projection equipment, emergency equipment for disembarkation, in-flight entertainment, classes of service with more comfort. Familiarization with airport code, airline designated code, minimum connecting time, global indicator, familiarization with Air tariff : currency regulation, NUC conversion factors, general rules, planning itinerary by air, Introduction to fare construction, mileage principles, fare construction with Extra Mileage Allowance (EMA), Extra Mileage Surcharge; One Way and Return Trip, Circle trip journey, open jaw, add-on, mixed class journey, HIP check, Back Haul Minimum Check (BHC), CTM check Indirect Travel Limitation, Around the world fare, special fares.; Issue of manual ticket, reservation procedure. Universal air travel plan: - types of air travel card. Bank Settlement Plan (BSP)- Case studies of selected Airlines Modules.

805 Financial Management

3

Credits

Nature of accounting: - Nature of accounting and generally accepted accounting principles. Double entry, Book Keeping – Transaction Analysis, Cash Book and Bank Transactions. Income Measurements. Preparation of Trial Balance; Final Accounts: Balance Sheet. Rectification of Errors, Bank Reconciliation; Statement Accounting for Non- Trading Concerns. Miscellaneous Accounts - Accounting for Hotels, Depreciation Accounting, Travel Accounting, Mechanized system of accounting - Meaning, Role, Scope and Importance of Financial Management: Job of the financial Manager, financial Goals, financial control, Organization & objective of financial function ; Financial Planning, Capitalization and Capital Structure: - Meaning, concept of capital, Theories of capitalization, Over capitalization and under capitalization, optimum capital structure, Determinant of capital structure, Financial Leverage, Debt capacity of company Debt equity ratio; Working Capital

Management: - Concept, need, determinant of working capital, estimates of working capital and financing of current assets. Capital Budgeting and;Capital Investment Decision: Management of Fixed Assets, Meaning, roles and analysis of capital investment in fixed assets; Financial Statements and Analysis: - Meaning, Analysis – Ratio, Fund flow, Cash flow, Cost volume Analysis.

806 Human Resource Management

3

Credits

Basic Philosophy and Approaches inHRD Planning. HRD Functions;Human Resource Management(HRM) in Perspective:HRM: - The Field and itsEnvironment; The Evolving Role of HRM in thetourism industry: the ChangingEmphasis;Meeting Human Resource Requirements:Human Resource Planning (HRP).Job/Role Analysis,Recruitment & Selection., Orientation & Placement.Developing Effectiveness in Human Resources:Training & Development (T&D). Performance Management; Potential Appraisal; Career/Succession Planning. ; Managing Employee Growth; Conflict and Stress management. Importance of Discipline and Counselling in Tourism; Human Resource Management in Tourism: - HRM in the service Industry; Emerging trends and Perspectives

818 International Tourism

3 Credits

Motivations for Developing International Tourism; Tourism and Development Theory; Organization of International Tourism; Problems in International Tourism Development; Case Studies – Developing Countries; Approaches to International Tourism Development: Impacts of Tourism: Economic, Social, Environmental; Current Approaches; Sustainability, Interpretation Techniques, Tourism and Culture

823 E-tourism

3

Credits

Introduction to e-tourism- Historical development- Electronic technologies for data processing and communication- Hardware and Software- Strategic, tactical, and operational use of IT in tourism. E-commerce- Starting an e-business- E-marketing of tourism products-Typologies of e-tourism-Business models in the wired economy, B2B, B2C, OTA. What is CRS, How it functions. CRS for Rail Transport, Hotel Bookings, Airlines: Different packages used: Abacus, Fantasia, Amadeus,

Apollo-Galileo, Sabre etc. Use dummy of one for the CRS packages (if available).
 Practical of CRS. MIS - Organizational Theory and systems approach to MIS,
 Conceptual Design phase of MIS, Detail design of MIS, Implementation phase,
 Quality Assurance and Control, Management Knowledge system. Social
 networking: Meaning, importance and its impacts on tourism business. Current
 debates in e-tourism- Future of e tourism

807 Statistical Tools for Hospitality & Tourism Research

3

Credits

Descriptive Statistics – Mean, Standard deviation, Relative standard deviation.
 Coefficient of variation, Confidence limits of a measurement, Propagation of
 errors; Probability Concepts; Random Variables; Probability Distributions: Binomial,
 Poisson and Normal; Estimation with Confidence Intervals; Hypothesis Testing;
 Chi-Square Tests; Analysis of Variance; Simple Regression and Correlation
 Analysis; Time Series Analysis

899 Thesis

6Credits

Students will be assigned a selected theme pertaining to the opted specialization
 for writing a Dissertation. The Dissertation will be an outcome of field enquiry and
 data analysis as well as review of the existing literature in the particular area of
 study.

2.24.3 M.Sc. Hospitality and Tourism Management

Year I

816 Sustainable Tourism	3
802 Food and Beverage Management	5
801 Gender Tourism	
3	
803 Front Office Management	3
812 Aspects of Hospitality and Tourism Law	
3	
813 Small Business Management	
3	
804 Sports, Hospitality and Tourism	
3	
806 Transport Systems & Management	3
816 Managerial Economics	

3
821 Contemporary Hospitality and Tourism Trends
4

Year II

801 Use of Computers and Software in Hospitality & Tourism	3
822 Tourism Planning and Development	4
804 Advanced Hospitality and Tourism Marketing	
3	
810 Advanced Lodging Operations	
3	
805 Financial Management	
3	
806 Advanced Human Resources Management	3
818 International Tourism Destinations	4
815 Tourism Impact Analysis	
4	
807 Statistical Tools for Hospitality & Tourism Research	
3	
899 Thesis	6

Detailed Syllabi

816 Sustainable Tourism 3 Credits

The Concepts of Sustainable Development; Heritage and Patrimony; Natural and Cultural Assets; How the Tourism Industry Works; the Roles of Tour Operators in the Tourist Originating and Destination Countries; the Role of the Market and the Ways in Which it can be Harnessed to Achieve Change: Sustainable Tourism, Mass Tourism, Alternative Tourism, Ecotourism and Responsible Tourism, the Concept of Conservation and the Form it Takes; Sustainable Tourism Agenda: Green Tourism, Environmental Impacts, EIA's, Green Globe

802 Food and Beverage Management 5Credits

Menu planning; Types of menu and food groups; Bakery and pastry. Cook chill and cook freeze. Cocktails - Introduction, History, Methods of Mixing cocktails, Rules of mixing cocktails, Classic Cocktails- Recipes, Cocktail Bar Equipment, garnishes, decorative accessories.

Banquets - Organization structure, Duties & Responsibilities of banquetting staff, Administrative Procedures, Formats Maintained, Banquet Function

Prospectus, Types of Function , Menu Planning for different banquets, Seating Arrangements. Gueridon Service - Origin and definition, Types of Trolleys and layout, Special equipment, Service Procedures, Service of important classical dishes. Food & Beverage Cost Controls - Control Cycle, (Planning Cycle , Operational Cycle, Post Operational Cycle) ; Elements of Cost ; Cost Dynamics & Break – Even ; F & B Inventory Control (Basic Cost Control , Re order Level , ABC Analysis ,EOQ). Bar operations. Gueridon service.

801 Gender Tourism

3

Credits

Gender and economic interest in tourism: prostitution: the nature, development and implications, sex tourism and the development of sex tourism, economy of the labour force, women's tourism-related employment, economic relations and conditions of employment - social conditions and women employed under employment opportunities and satisfaction, .women employment in the hotel sector, gender segmentation in the hotel sector flexibility in hotel employment in regional distribution of hotel employment in other tourism sectors , women and the provision of bed and breakfast accommodation, Access to tourism and leisure cultural preferences and segmentation, Local cultural tensions and latent conflicts; work and property: informality, polyvalence, and seasonality, Segmentation in female labour force employment in activities related to tourism, social polyvalence and segmentation; Legal and illegal exploitation of property with women in alternative forms of tourism.

803 Front Office Management

3 Credits

Qualities and equipment and tools required for front office operations, reservation functions and methods, Reception and security staff and services, Planning operation, Budgeting for operation, Room forecasting, Evaluation front office operations, Handling currencies, Handling Guest complaints Whitelisting and blacklisting

812 Aspects of Hospitality and Tourism Law

3 Credits

Introduction to Law and the Legal System; Hospitality Operating Structures; Regulatory and Administrative Concerns in the Hospitality Industry; Law of Contracts; Legal Responsibility as a Hospitality Operator; Legally Selecting and

Managing Employees; Licensing Law; Safety and Security Issues; The Hospitality International Legislations.

813 Small Business Management

3

Credits

The nature of small-scale enterprises; the legal framework for small-scale enterprises; the role of governments in small-scale enterprises; business plan for a small-scale business enterprise; marketing management in a small business enterprise; the general concept of production management; human capital needs for an enterprise

804 Sports, Hospitality and Tourism

3

Credits

Defining hospitality & Tourism; The Tourism Business ; Economics and the impact of tourism; Destinations Marketing; The Restaurant Business; Sports, Events and Entertainment; The Hotel Business; The Marketing Environment; Designing Products; Exploring Careers in Hospitality & Tourism; Sports Industry – scope, organizations, types of jobs and opportunities found in the industry

806 Transport Systems & Management

3 Credits

Transportation as dynamic & visual manifestation of tourism. History of different modes of transportation. Growth of civilization and role of transport. Development & present status of means of transportation in different parts of India & World: a comparative study.

Airlines & tourism: history of airlines'. Role and contribution of air Infrastructural basis of airlines .Role of airlines in tourism promotion: recent policies regarding airlines, problems of airlines business. Surface transport & tourism: importance of surface transportation. Infrastructural basis for surface transport in tourism promotion. Coaches' car rental system. Taxes & subsidies on tourist coaches & cars. Problems faced by surface transport sector. Railway & tourism: history & present status. Role of railway in tourism promotion. Special trains & packages for tourists. Government policies regarding railway. Problems faced by railway transport. Water transport: history & present status of water transport in seawater & inland waters. Cruise ships, luxury lines

816 Managerial Economics

3

Credits

The One Lesson of Business - Benefits, Costs, and Decisions; Using Economics in Management Decisions; Understanding the Seller's Costs; Buyer's demand; Investment decision; Markets and Profit Maximizing; Pricing and Pricing Discrimination; Economics of scale and scope; Market and industry changes; Relationships Between Industries: The Forces Moving Us Towards Long Run Equilibrium; Profit erosion; Using Supply and Demand; Foreign Exchange, Trade, and Bubbles

821 Contemporary Hospitality and Tourism Trends

4Credits

Labour and skill shortage, emerging markets, competitiveness, government initiatives and intervention, health and safety, public liability, safety and risk management, social and environmental issues, corporate responsibilities, cost containment, Market Segmentation

and Overlapping Brands, increased guest sophistication, technological issues, economic issues, increased vacation and leisure time. Socio political happenings, - political instability, regionalism, and national integration; climate change and other environmental issues; Terrorism and tourism: safety and security issues in tourism; Emerging patterns in travel and tourism; Guest host issues, women and child issues, tourism and poverty alleviation. Crime and tourism. Taxation - present scenario and future challenges, foreign exchange. Merger, acquisition of tourism enterprises; Imbalances in inbound and outbound tourism. Medical tourism sustainability; .Privatization of tourism resources; Human resource issues. Gap in industry and academia. Quality of tourism research; Legal issues; Economical crises and its impact on tourism.

801 Use of Computers and Software in Hospitality & Tourism

3

Credits

Introduction to computers and computer science Data representation and transmission Number bases Overview of hardware and software. Document processing Main storage Backing storage Workstations and terminals Output devices Data capture and data entry Human computer interfaces Data Communications and networks Operations on data Program design and

specification Computer file concepts File organization and access. File processing
Spreadsheets Computer arithmetic Machine logic the input-output subsystem
Operating systems

822 Tourism Planning and Development

4Credits

Background for and Approach to Tourism; Public Sector's Role in Planning and Development; Destination Development – Destination Life Cycle Concept; Incorporating Elements of Tourism Experience into the Lifecycle Model; Destination Life Cycle and Tourism Development; Carrying Capacity; Impact Analysis – Economic Considerations; Social Considerations; Environmental Analysis; Different Forms of Tourism and Planning; Sustainable Tourism; Principles of Site Selection; Plan Formulation and Implementation

804 Advanced Hospitality and Tourism Marketing

3

Credits

Understanding the role of Marketing in Society, Marketing Orientation in Organizations, Marketing Environment and Information Analysis, Consumer and Industrial Buyer Behaviour, Forecasting Market Demand, Segmentation, Product Life Cycle, Concepts of Value, Differentiating & Positioning of Products and Launching New Products. Product line and Brand Management, Services Marketing, Pricing Policies and their Impact on Business Decisions, Advertising and Communication Management, Sales Force Management and Distribution Management.

810 Advanced Lodging Operations

3 Credits

Planning and evaluating budgets; Interior Design in a Guest Room Layout; layout of Guest Rooms to scale, Housekeeping set up; safety hazards and implementing preventive and remedial measures; Risk and environmental management; Property operation – furniture and accessories.Meeting Incentive Convention Exposition (concept, importance, planning);Sales & Marketing Department; Use of computer technology in Rooms Division; Yield Management (Concept of ARR & Rev PAR, importance of Yield Management, Forecasting).

805 Advanced Financial Management

3

Credits

Financial Statement Analysis, Valuation, Capital Budgeting, Risk and Return, Long Term and Short Term Financial Planning, Financial Engineering Balance sheets and profit and loss account. Accounting mechanics. Accounting Records and Systems. Understanding published accounts of companies. Use of software in accounting

806 Advanced Human Resources Management

3

Credits

Organizational strategy, structure, culture and change; and their implications for HRM. Employee sourcing, recruitment and selection, performance management, reward management, training and development and employee relations. Emerging areas in academic literature and practice. Critical perspectives.

818 International Tourism

4Credits

International tourism: meaning definition, trends, and models in international tourism, economic & accounting indicator in international tourism. Method of forecasting the future trends for the destination of the world Motivations for Developing International Tourism; Tourism and Development Theory; Organization of International Tourism; Problems in International Tourism Development; Case Studies – Developing Countries; Approaches to International Tourism Development: Impacts of Tourism: Economic, Social, Environmental; Current Approaches; Sustainability, Interpretation Techniques, Tourism and Culture. Seven Wonders of the World

815 Tourism Impact Analysis

4Credits

The Impact of Tourism - Economic Impact – Employment generation, Foreign Exchange Earnings, multiplier effect, Leakage, Infrastructure development. ; Social, Cultural & Political Impact – Standard of living, passport to peace, International understanding, Social Integration, Regional Growth, National Integration. ; Environmental Impact – Tourism pollution & control, wild life & bird sanctuaries & their protection for tourist industry.

807 Statistical Tools for Hospitality & Tourism Research

3

Credits

Descriptive Statistics – Mean, Standard deviation, Relative standard deviation. Coefficient of variation, Confidence limits of a measurement, Propagation of

errors; Probability Concepts; Random Variables; Probability Distributions: Binomial, Poisson and Normal; Estimation with Confidence Intervals; Hypothesis Testing; Chi-Square Tests; Analysis of Variance; Simple Regression and Correlation Analysis; Time Series Analysis

899 Thesis

6Credits

Students will be assigned a selected theme pertaining to the opted specialization for writing a Dissertation. The Dissertation will be an outcome of field enquiry and data analysis as well as review of the existing literature in the particular area of study.

2.24.4 PhD Hospitality and Tourism Management

Year I

1st Semester

901 Services Marketing for the Hospitality and Tourism Industry

3

902 International Cuisine Management

3

921 Contemporary Issues in Hospitality and Tourism

5

903 Environmental Impact Analysis

4

922 Tourism Planning and Development

4

909 Advanced Food and Beverage Management

5

2nd Semester

904 Tourism Policies and Planning

3

905 International Hospitality Management

5

906 Gender Issues in Hospitality and Tourism

3

907 Special Interest Tourism

3

908 Tourism Geography

3

903 Accommodation Operations

3

Year II

3rd Semester

901 Psychology and Guest Behaviour

3

912 Legal Aspects of Hospitality and Tourism Business

3	
902 Sociology	
3	
918 International Tourism Studies	4
905 Advanced Financial Management	3
903 Portfolio Management	3
4th Semester	
904 Banquet and Event Management	4
905 Urban Tourism and Strategic Planning	
4	
903 Front Office Management	3
923 E-Commerce	3
906 Management, Hospitality and Tourism	
3	
925 Industrial Relations	3
Year III	
5th Semester	
901 Research Methods in Hospitality and Tourism	
3	
907 Strategic Management	
3	
907 Statistical Tools for Hospitality & Tourism Research	
3	
902 International Accounting	
3	
918 Management Information System	3
903 Hospitality Entrepreneurship	3
6th Semester	
904 Seminars	6
999 Dissertations	6

Detailed Syllabi

901 Services Marketing for the Hospitality and Tourism Industry	3
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Credits

Introduction to Marketing; Services Marketing Concept: - Segmentation (Target Market, Types of segmentation, Demographic, geographic and psychographic), Positioning. Components of Marketing Plan; P's of service marketing- People,

Product, Price, Place, Promotion, Process , Physical evidence; Consumer behavior;
E- Marketing for Services - Introduction, Objectives, Ways to conduct on-line
Marketing Activities, Benefits of E-Marketing

902 International Cuisine Management

3 Credits

Understanding how cuisine has developed over time; Variety of foods grown in distant regions and dissemination as adventurers contacted (and often conquered) other people and learned of their cultures; Evolvement of trade that brought exotic foods from distant locales; Geography's role in defining the types of foods and quantities of crops that can be produced around the globe; Critical components of the major world cuisines

921 Contemporary Issues in Hospitality and Tourism

5Credits

Labour and skill shortage, emerging markets, competitiveness, government initiatives and intervention, health and safety, public liability, safety and risk management, social and environmental issues, corporate responsibilities, cost containment, Market Segmentation

and Overlapping Brands, increased guest sophistication, technological issues, economic issues, increased vacation and leisure time. Socio political happenings, - political instability, regionalism, and national integration; climate change and other environmental issues; Terrorism and tourism: safety and security issues in tourism; .Emerging patterns in travel and tourism; Guest host issues, women and child issues, tourism and poverty alleviation. Crime and tourism. Taxation - present scenario and future challenges, foreign exchange. Merger, acquisition of tourism enterprises; Imbalances in inbound and outbound tourism. Medical tourism sustainability; .Privatization of tourism resources; Human resource issues. Gap in industry and academia. Quality of tourism research; Legal issues; Economical crises and its impact on tourism.

903 Environmental Impact Analysis

4Credits

Introduction; Environmental management; Models of environmental management in tourism. Management of environmental quality (green); Management of environmental impacts (grey); Categories of environmental management in tourism; Environmental codes of conduct. Internal environmental standards and

environmental management Environmental awards. Analyze different aspects of nature and their inter-relatedness with humans. Understand the benefits of an Environment Impact Assessment (EIA) - problems and concerns. Discussion on issues involved in enforcement of environmental legislation, regulatory policies and technological advances in environmental management. Public perceptions of environmental issues and its effects on business strategy. The urban problems related to energy, resource consumption patterns and the need for equitable utilization in accordance to environmental ethics.

922 Tourism Planning and Development

4Credits

Background for and Approach to Tourism; Public Sector's Role in Planning and Development; Destination Development – Destination Life Cycle Concept; Incorporating Elements of Tourism Experience into the Lifecycle Model; Destination Life Cycle and Tourism Development; Carrying Capacity; Impact Analysis – Economic Considerations; Social Considerations; Environmental Analysis; Different Forms of Tourism and Planning; Sustainable Tourism; Principles of Site Selection; Plan Formulation and Implementation

909 Advanced Food and Beverage Management

5Credits

Research, describe and produce an authentic restaurant environment from a selected theme; Demonstration of technical responsibilities involved in the development, production and evaluation of a wide range of food service systems including: sales, menu planning, recipe development and evaluation, pricing, purchasing, facilities management, personnel management and financial management ; Operational needs and potential problems in a food and beverage operation during production and service; Timely and effective managerial problem identification and decision-making abilities ; Interpersonal and teamwork skills both within a management team and with classmates as employees ; Interaction with guests and evaluation of guests 'dining experiences

904 Tourism Policies and Planning

3

Credits

Principles of planning and policy that apply to integrated and sustainable tourism

development at the international, national, state, regional, local, and site scale. Government, industry, and community perspectives.; Tourism Planning – Introduction to tourism planning, reasons for tourism planning in destination areas; Concepts of Tourism Planning and Planning Process; Consequences of unplanned development; Tourism Impact – socio-cultural, economic, & environmental; Planning for sustainable development, destination management, marketing and organizational considerations.; Factors influencing planning; Establishing carrying capacity; Implementation and Monitoring; Tourism Planning and Policy Formulation; Tourism Development and Management:

905 International Hospitality Management

5Credits

International hospitality management: organization, practices and structures, cultural influences; and managing an international environment.

906 Gender Issues in Hospitality and Tourism

3 Credits

Gender and economic interest in tourism: prostitution: the nature, development and implications, sex tourism and the development of sex tourism, economy of the labour force, women's tourism-related employment, economic relations and conditions of employment - social conditions and women employed under employment opportunities and satisfaction, .women employment in the hotel sector, gender segmentation in the hotel sector flexibility in hotel employment in regional distribution of hotel employment in other tourism sectors , women and the provision of bed and breakfast accommodation, Access to tourism and leisure cultural preferences and segmentation, Local cultural tensions and latent conflicts; work and property: informality, polyvalence, and seasonality, Segmentation in female labour force employment in activities related to tourism, social polyvalence and segmentation; Legal and illegal exploitation of property with women in alternative forms of tourism.

907 Special Interest Tourism

3

Credits

Meaning and definition of special interest leisure and tourism ; basic of niche leisure and tourism terminologies.; how to develop a market for special interest leisure and tourism ; Emergence of nature based tourism; the importance of

culture based tourism; importance of activity based tourism; the structure of special interest tourism packages

908 Tourism Geography

3 Credits

Terms used in leisure recreation and tourism in Geography; various kinds of maps; various land form types and bodies of water; the geographical resources and their conservation; travel destination in Africa; travel destinations in the world. Conceptual Framework of Models in Geography of Tourism and spatial perspectives in Analysis and Developmental strategy. Types, forms, patterns and linkages in Tourism. Impact of weather and climate on Tourist destinations. Geographical Determinants: Diversities and disparities. Typology of area and Linkages flows and orientation. Political and physical features of world geography

903 Accommodation Operations

3 Credits

Planning and evaluating budgets; Interior Design in a Guest Room Layout; layout of Guest Rooms to scale, Housekeeping set up; safety hazards and implementing preventive and remedial measures; Risk and environmental management; Property operation – furniture and accessories. Meeting Incentive Convention Exposition (concept, importance, planning); Sales & Marketing Department; Use of computer technology in Rooms Division; Yield Management (Concept of ARR & Rev PAR, importance of Yield Management, Forecasting)

901 Psychology and Guest Behaviour

3 Credits

The basis of human behavior; Development of behavior; principles of personality development; the process of learning; human memory and emotions; the process of attitude formation and change; psychological basis of management models in industries and organizations; the psychology of other nations.; the psychological effects of health; methods of assessment in experimental psychology. Understanding travel & tourism behavior, characteristics affecting consumer behavior cultural factors, social factors, personal factors, psychological factors, group factors, models of consumer behavior; Tourist forms & types & their characteristics ; Buyer decision process - need recognition, information search, evaluation of alternatives, purchase decision, post purchase behavior; Tourist as an individual - tourist behaviour, tourist perception, learning and attitudes - concepts, process, important theories and application of the concepts

do tourist behaviour; Specific consideration of host guest-interaction & their impact on physical, social & cultural environments, cross-cultural impacts. Management implication- consideration of the implications for tourism managements, communication, promotion, and tourist guide interactions.

912 Legal Aspects of Hospitality and Tourism Business

3

Credits

Introduction to Law and the Legal System; Hospitality Operating Structures; Regulatory and Administrative Concerns in the Hospitality Industry; Law of Contracts; Legal Responsibility as a Hospitality Operator; Legally Selecting and Managing Employees; Licensing Law; Safety and Security Issues; The Hospitality International Legal Context. Consumer protection act- meaning and its relevance in travel and tourism business. Laws relating to protection, presentation and conservation of heritage and environment Laws and legislation relating to tourist entry, stay and departure. Procedure and requirement for procuring various travel documents (passport, visa and health certificates) with relation to inbound and outbound tourists. Laws relating to currency exchange, Passport act, 1967. Laws relating to passenger safety, convenience and compensation during air travel, legislations relating accompanied and an accompanied tourist baggage. Compensation for lost and damaged baggage. Insurance for tourists and their baggage. Archaeological site and remains act, wildlife protection act, environment protection act and air, water and noise pollution act. Foreigners act 1946.

902 Sociology

3

Credits

The Sociological Perspective – meaning, theoretical framework, imagination; Development of sociology; Sociological research; Culture and society; Socialization – agents and theory; Social structure, Social instruction; The family; Deviance; Social stratification; Social inequality; Social institutions – government, economy and environment;

918 International Tourism Studies

4Credits

International tourism: meaning definition, trends, and models in international tourism, economic & accounting indicator in international tourism. Method of

forecasting the future trends for the destination of the world; Factor affecting global & regional tourist movements' demand and origin factors, destination & resource factor, contemporary trends in international tourist movements ; International tourism industry- method of operation, corporate strategies of international tourism, international tourism development: planning & policies case studies of selected countries like China, Thailand, Switzerland, France, USA & UK; Characteristics of out bound tourism, characteristics & patterns of international markets. World tourism sites

905 Advanced Financial Management

3 Credits

Introduction to financial decision-making in the hospitality industry; Agency theory and the decision-making process; Value creation and the goal of hospitality financial management; The functioning of financial markets that are relevant to hospitality firms; Principles and methods of value creation in the hospitality industry; Applications of financial statement analysis to hospitality finance; Principles and applications of risk analysis to the value creation process; Principles and applications of the time value of money to the value creation process; Capital expenditure analysis in the hospitality industry; Principles and applications of financing hospitality projects and firms; Other special topics relevant to current hospitality financial issues

903 Portfolio Management

3

Credits

Introduction to Portfolio Management; Introduction to Asset Pricing Models; Multifactor Models of Risk and Return; Analysis and Management of Common Stocks; Equity Portfolio Management Strategies; Bond Portfolio Management Strategies; Evaluation of Portfolio Performance; Professional Asset Management; Purposes and methods of portfolio performance measurement

904 Banquet and Event Management

4Credits

Conceptual foundations of events; Major characteristics; Five C's of eventmanagement (Conceptualization, Costing, Canvassing, Customization, Carrying out);Advantages of events- to the Organizer, Event Planner, Participants, Economy andSociety; Broad classification of Events; Introduction to MICE (Meetings, Incentives, Conferences and Exhibitions):Evolution of MICE industry;

Components of MICE; Economic and social significance of MICE. Introduction to professional meeting planning- definition, types and roles; associate, corporate & independent meeting planners; TA's and TO's as meeting planner; Convention visitor Bureaus – functions, structure and funding sources. Events venues: concept and types; Conference venues- facilities, check-in and check-out procedures, requirements; conference room lay-outs; Convention manager; inter-related venues; project planning and development. Introduction to conference facilities. Trade shows and exhibitions/expositions: types of shows, benefits of exhibitions, participant decision-making process. Contract negotiations– principles; negotiation with hotels, airlines and ground handlers. Incentive tour- characteristics, its organizing and special requirements. Latest meeting technologies - Video conferencing and Information Communication Technology (ICT). Factors including ICT affecting future of events business. Human resource requirements. Case studies: Tourism festivals

905 Urban Tourism and Strategic Planning

4 Credits

Theoretical concept, advantages, marketing and strategic development of the urban tourism, Cultural tourism, media of cultural tourism, symbiosis between culture d tourism. From cultural resources to tourists products - the production process, tourism activities, sociofacts, artifacts, mentifacts; responsible planning, resource management, visitor management,

903 Front Office Management

3 Credits

Qualities and equipment and tools required for front office operations, reservation functions and methods, Reception and security staff and services, Planning operation, Budgeting for operation, Room forecasting, Evaluation front office operations, Handling currencies, Handling Guest complaints Whitelisting and blacklisting

923 E-Commerce

3 Credits

What is E-Commerce? ; Different Definitions of E-Commerce; Scopes of E-Commerce; Difference of E-Commerce and Traditional Commerce; Characteristics of E-Commerce; Why E-Commerce over Internet?; Capabilities Required for E-Commerce; Benefits of E-Commerce; Business Issues in E-Commerce; Technical

Issues in E-Commerce; Understanding of the environment and strategies in the New Economy ; Online security and payment systems; e-commerce marketing concepts; e-commerce marketing communications; Ethical, social, and political issues in e-commerce; Online retailing and services; Online content and media; Social networks, auctions, and portals; B2B e-commerce: supply chain management and collaborative commerce.

906 Management, Hospitality and Tourism

3

Credits

Service quality management; Management of Hotel Distribution Channels; Health and Wellness services management; Crisis Management in Hospitality; Food and Culture;

Management companies and franchise agreements; Technology's impact on the hotel business; Hotel operations in an international environment; Linkage between hotel operating decisions and the service quality experience; Management style and problem solving abilities in a team environment ; General management perspective on how various operating aspects of a hotel are related to one another ; Individual yield management components' effect on the yield management decision ; Role of tourism in economic and society from Political-Economic approach and Functional approach; Discourse on cultural heritage management and tourism Public sectors and non-government organization's role in cultural heritage management. Discussion; possible relationships between tourism and cultural heritage management

925 Industrial Relations

3 Credits

Industrial relations: Meaning, Factors, Scope, Objectives, Principles. Parties to industrial relations .Requirements of successful industrial relations. Industrial Relations policy; Trade Unionism: Meaning, Characteristics, Objectives, Functions, Advantages, Disadvantages, Methods used to achieve its objectives, Types, Growth and Development of Trade Unions

Movement. Problems of Trade Unions, Trade unions Acts; Workers' Participation in Management: Meaning, Scope, Objectives, levels of participation. Conditions for the success of participation. Forms of Workers' participation in management government: Works committee, Joint Management Council, scheme of workers'

participation on Board of Directors, Collective Bargaining: Meaning, Features, principles, scope, forms, and importance. Prerequisites for the success of collective bargaining. Collective bargaining; Industrial Disputes and its Prevention and Settlement: Industrial disputes: Meaning, classes, causes, consequences. Prevention and Settlement of industrial disputes. Main provisions of the Industrial Disputes Act, Standing Orders. Main provisions of the Industrial Employment (Standing Orders) Act, 1946.

901 Research Methods in Hospitality and Tourism 3

Credits

An introduction to the process of research; problem-solving approaches; the research proposal and the development of the research question.; research design; sampling design; data processing; Report writing and presentation; Computer Applications in Research SPSS, EXCEL MINITAB, etc.

907 Strategic Management 3

Credits

Strategic Planning: Tools and Techniques; Managing in a Business Context; Stakeholder Analysis; Environmental Scanning: SWOT Analysis; Value Chain; Portfolio Analysis (BCG Matrix, GE Matrix); Strategy Formulation: Ansoff Matrix, Porter's Generic Strategies (Cost Leadership, Differentiation, Focus), Identification and Evaluation of Strategic Alternatives; Strategy Implementation: Framework for Understanding and Implementation Issues; Tactical Aspects of Strategy Implementation; Strategy Evaluation and Control; Integrative Case Analysis.

907 Statistical Tools for Hospitality & Tourism Research 3

Credits

Descriptive Statistics – Mean, Standard deviation, Relative standard deviation. Coefficient of variation, Confidence limits of a measurement, Propagation of errors; Probability Concepts; Random Variables; Probability Distributions: Binomial, Poisson and Normal; Estimation with Confidence Intervals; Hypothesis Testing; Chi-Square Tests; Analysis of Variance; Simple Regression and Correlation Analysis; Time Series Analysis

902 International Accounting 3 Credits

International standard-setting environments – Objectives, Financial statement

concepts, GAAP and differential reporting, International accounting practices
 Financial instruments and income tax allocation - Financial instruments,
 Presentation and disclosure of financial instruments, Convertible securities, Equity,
 Theories of income tax allocation, Approaches to accounting for corporate income
 tax; Intercorporate investments; Consolidation subsequent to acquisition.
 Intercompany transactions; Issues in ownership and joint ventures; Foreign
 currency transactions; Translation and consolidation of foreign subsidiaries;
 Financial reporting in the not-for-profit and public sector; Fund Accounting -
 Budgetary accounts, Ethical considerations, Types of funds, Interfund transfers,
 Expenditure control and encumbrance accounting

918 Management Information System

3 Credits

Role of Information technology in current Business Scenario, Definition,
 characteristics, Components & Limitation of MIS, Role of MIS in Decision making,
 Structure of MIS, Development of MIS, Various MIS Reports, Making MIS efficient
 & Effective. ; Data Base Management System, Advantages of Data base Approach,
 Queries, Data base, Design, Database Administration, Commercial Database.
 Computer Hardware & Software, Decision Support System-Characteristics,
 Components & classification, Steps in constructing a DSS, role in Business, group
 decision support system. Introduction to Executive Support (ESS); Computer
 Communication- LAN, WAN, Internet, peer to peer & client-Server Approach.
 Business Application of Information technology – Internet – Management
 information system, office automation, E-mail & electronic highway internet
 computer Networking- GRS- Meaning & Function, CRS for Rail transport, Hotel
 Booking, Airlines, Different Packages used:- Abacus, Amadeus, Galileo & Sabre

903 Hospitality Entrepreneurship

3 Credits

Characteristics of the entrepreneur; Generating ideas; Feasibility studies;
 Business plans; Developing a business model; Intellectual property; marketing;
 financing; organizational growth, and franchising.

904 Seminars

6 Credits

Seminar will include report writing, review of literature or any other
 innovative practices focused on the modules in the preceding semesters.

The seminar course would be for 100 marks

999 Dissertations

6Credits

Students will be assigned a selected theme pertaining to the area of specialization for writing a Dissertation. The Dissertation will be an outcome of field enquiry and data analysis as well as review of the existing literature in the particular area of study. Such write up should not be less than 10, 000 words and must address contemporary problems in the Hospitality and Tourism Industry.

2.25 Master of Science in Entrepreneurship

First Semester

Entrepreneurship (3 Credit Units) (MSc 800)

History, definition and functions of the entrepreneurship, Characteristics and how to start the business, forms of Business ownership, Managing the enterprise, source of funds, Financial institutions, support agencies, product planning , production management, management planning and business plan.

Strategic Management (3 Credit Units) (MSc 801)

Background nature and conceptual definition of strategic management, nature of strategy and policy, functions, the key actors of the strategic formulation, the roles, functions and qualities of CEO, corporate social responsibility, top management problems, discussion of actual business cases.

Strategic Marketing Management (MSc 802 3Cr)

Include a survey of the interrelationships of perspectives, cultural, educational, political and economic constraints, the international financial and trade frameworks, and the problems and challenges facing the multinational corporation.

Strategic Human Resource Management (MSc 803 3 Cr)

Include History/Evolution, domain and activities of human resource, policies and practices, principle and technique applicable to problems success employee staffing training, labour relations, wages, communication etc.

Research Methodology (MSc 804 3Cr)

Nature and definition, challenges of research in 3rd world countries, components of research and research analysis, common errors in research, methods of knowledge acquisition, tools for data analysis.

ENT 805 Sociology of Entrepreneurship

Sociological perspective of entrepreneurship, supply and demand-side perspective, the influence of markets and firm on how, where, and why new enterprises are founded, demand- supply analysis, sociological forces (ethnic, culture, religion, family, social group, institutional and economic) on supply and success of entrepreneurs; integrating framework: Ecological and institutional perspective.

ENT806 Business Opportunity Evaluation:

Entrepreneurial ideas and opportunities, source of business opportunity analysis and evaluation, strategies for scanning and evaluating business opportunities, basis for selecting investment opportunities.

ENT807 Small Scale Business Management:

Definition of micro small medium Enterprises by various institution in Nigeria, SMEs in Nigeria Economy, features of SMEs, roles of SME, Barriers to SME Development, SME-support institution/Schemes, legal structure of firm, determinants of ownership structure, SME government initiatives, legal dimensions in management of small business.

ENT 807 Psychology of Entrepreneurship:

Input of psychology to the field of entrepreneurship, trait theories, and other relevant theories on entrepreneurial behaviours, psychological approaches to entrepreneurship: Work (personality, work activities), organizational, and market (market activities) psychology.

ENT 808 Natural Resources Management:

Nigeria Resource endowment, management of mineral resources, mining and oil and gas exploration, resource allocation and misapplication of resources, natural resources and economic development, challenges of resources management in Nigeria, recommendations for effective resource utilization.

ENT 809 Commercial Law:

The Nigeria Legal System, source of Nigerian law, hierarchy of Nigerian courts, commercial arbitration; Legal bases of business, principles of contract, legal requirement of agency, partnership, sales of Goods, Hire purchase, credit sales transactions, commercial relations between persons, unfair competition, passing off and trade libel; Introduction to company laws, company formation/ registration, Doctrine of corporate personality, Ultravires Doctrine, Meetings and Resolutions,

Powers and Functions of Directors, introduction to taxation laws, secretary and secretarial practice.

810 Advanced English and Effective Communication Skills

Second Semester

ENT 811 Event Management:

Definition of an Event, the need for the event, the parties involved. Role of stakeholders: sponsor, team leader, team members, the client/market.

ENT 812 Purchasing and Materials Management:

Role, objectives, functions and organization of purchasing management and materials management; their relationship with other department; five R's of purchasing, material planning in push and pull system; MRP & just time purchasing . Determination & description of material quality; vendor rating, selection, development and relations; evaluating suppliers efficiency; price determination and negotiation; make or buy decision. Purchase procedure, record and form; legal aspects of purchasing; public purchasing and tendering, international purchasing: procedures & documentation; purchasing of capital equipment; appraisal methods. Standardization, simplification & variety reduction; value analysis & engineering; stores layout; classification & codification; inventory control of spare parts; materials logistics warehousing management, disposal of scrap, surplus & obsolete materials information system.

ENT 813 Feasibility and Business planning:

Business feasibility report, business planning; Desirable and obligation projects/ evaluation techniques; Traditional and Discounted techniques, Accounting Rate of return (ARR), Pay Back period(PBP), Net present Value (NPV), Internal rate of return (IRR), and Profitability index (PI), project acceptance and rejection criterion.

ENT 814 Cultural Changes and Entrepreneurship

Variables of entrepreneurial culture among ethnic groups in Nigeria, distinct cultural characteristics encouraging entrepreneurship among ethnics group in Nigeria, entrepreneurial values, new firm-formation rates, entrepreneurship,

intentions, and beliefs between culture, institutional structure, and entrepreneurship; cultural values, social institutions, industry characteristics, and behavioural outcomes; entrepreneurial activities of our national cultures; individualism-collectivism, uncertainty avoidance, power-distance, and masculinity-femininity (Hofstede's Model).

ENT 815 Family Businesses and Succession Planning:

Concept of family business, nature of operation and management, concept of business succession planning and survival, objectives of establishing effective succession, overview of indigenous family business succession in Nigeria, problems of succession planning.

ENT 816 Leadership and Corporate Governance: Overview of leadership, leadership styles, theories of leadership, the concept of servant leadership, leaders as change agents, Good governance, corporate governance, codes of corporate governance, problems of leadership in Nigeria.

ENT 817 Measuring Organizational Success:

This course is designed to enable students appreciate first hand basic organizational success factors through attachment and placement under industry and faculty supervision. The student or team of students is expected to focus on problem areas and design/proffer solutions which are sent back to the industry for implementation. The result of this case study is discussed at faculty/departmental seminars for peer review. Students should be taught the following topics before proceeding on the field work: Concept & definition of organizational performance/success; balance score card approach to measuring organizational success/performance.

ENT 818 Technology Entrepreneurship:

Principles of technology Entrepreneurship, strategic market assessment for new technologies, strategies for new product development, principles of intellectual property, overview of regulated industries, new venture formation, business plan development, strategies in technology entrepreneurship, commercialization of technologies and products; operational planning, applied entrepreneurship

(relevant to technology).

ENT 819 Social Entrepreneurship and community Development:

Conceptual definition of social entrepreneurship and community development the role of social entrepreneurship in micro financing, nature of community needs and development, concept of social capital, etc.

ENT 820 Rethinking Traditional Occupation:

Entrepreneurial competences of communities in Nigeria, entrepreneurial orientations and cultures, the role of culture in entrepreneurial development, cultural technologies, challenges in traditional occupations, etc.

ESP 821 International Entrepreneurship:

Growing importance of trade in world economy; trade as an agent of globalization; alternative basis and explanation of trade; gains from trade; term of trade-alternative concepts; trade equilibrium and determination of terms of trade. Significance of conceptual understanding of trade theory for international Business manager. Free trade versus protection ; components of international trade zones; assessing export potential for specific products in specific markets; logic state trading and canalized trade ;Major trends in Nigeria's foreign trade ; Major schemes and incentives for exporters ; import control regime; impact of WTO provisions on trade policy; overall assessment of Nigeria's trade policy.

ENT 828 Creativity and Innovation Management:

Definition of innovation and creativity, types of creativity and innovation, process of entrepreneurial innovation, entrepreneurial strategy and environmental scanning, entrepreneurial risk and evaluation, creativity and intellectual property rights.

Third Semester

Seminar 1

Seminar 11

Fourth Semester

Research Thesis

2.26 MSc. SUPPLY CHAIN MANAGEMENT

First Semester

801 Essentials of Purchasing**3 Credits**

Includes introduction and overview, interdependencies of purchasing, purchasing and financial statements, purchasing administration, global sourcing, regulatory agencies, good faith and conclusion.

802 The Supply Chain Process**3****Credits**

Includes introduction, acquisition of Goods and Services, Quantity/Demand, Planning Process, Material Planning Tools, Flow of Materials.

803 Management Essential**3 Credits**

Includes introduction and components of a Successful Manager, Organizational Culture and Change, Power and Perceptions, Leadership and Risk. It also includes Strategies, Decision-Making, Empowerment and Accountability, Customer Relationship Management and Quality, Human Resource Management, Financial Accountability.

804 Budgeting Essential**3****Credits**

Includes introduction, the concept of budgeting, activity based budgeting, factors to consider in budgeting. It also includes production planning, inventory sample budget and summary.

805 Procurement Process**3****Credits**

Includes introduction and overview, elements of supplier selection, supplier evaluation, the bidding process, summary of the procurement process.

806 Supplier Contracting**3****Credits**

Includes introduction, general contract principles, general contract principles continued, contract drafting, contract drafting continued, types of purchasing contracts, agency and summary.

807 Persuasive Communication**3****Credits**

Includes introduction, fundamentals of communication, knowing the audience, the power of listening, credibility of the speaker. It also includes evidence in

persuasion, emotion in persuasion, organizing the argument, summary.

808 Negotiating Strategies 3 Credits

Includes introduction, steps in negotiating, tools in negotiating, types of negotiations, personality types, preparing for negotiations, BATNA and summary.

Second Semester

809 Price and Cost Analysis 3 Credits

Includes introduction pricing evaluation, use of data, strategic cost analysis, timing and outsourcing, summary.

810 Legal Aspects of Contracts 3

Credits

Includes introduction and overview, what is contract? Elements of a contract, duties and obligations.

811 Legal Aspects of Contracts 3

Credits

Includes what is the deal? Representation, good faith and conclusion.

812 Research Methodology 3 Credits

813 Procurement and Supply Management 3 Credits

814 Service Operations Management 3 Credits

815 Facilities Location Models 3 Credits

816 Transportation and Business Logistics 3 Credits

Third Semester

817 Logistics Strategies 3

Credits

818 Production Planning and Control 3 Credits

819 Progression of Professional Supply Management 3 Credits

820 New Product Development 3

Credits

821 Managing for Quality 3

Credits

822 Global Supply Management 3

Credits

Fourth Semester

1st Seminar

2nd Seminar

3rd Internal Thesis Defence

4th External Thesis Defence

824 2 Seminars and Thesis

2.27 Ph.D PROCUREMENT AND SUPPLY MANAGEMENT

901 Essentials of Purchasing 3 Credits

Includes introduction and overview, interdependencies of purchasing, purchasing and financial statements, purchasing administration, global sourcing, regulatory agencies, good faith and conclusion.

902 The Supply Chain Process 3

Credits

Includes introduction, acquisition of Goods and Services, Quantity/Demand, Planning Process, Material Planning Tools, Flow of Materials.

903 Management Essential 3 Credits

Includes introduction and components of a Successful Manager, Organizational Culture and Change, Power and Perceptions, Leadership and Risk.

904 Management Essentials 3 Credits

Includes Strategies, Decision-Making, Empowerment and Accountability, Customer Relationship Management and Quality, Human Resource Management, Financial Accountability.

905 Budgeting Essential 3

Credits

Includes introduction, the concept of budgeting, activity based budgeting, factors to consider in budgeting.

906 Budgeting Essential 3

Credits

Includes production planning, inventory sample budget and summary.

907 The Procurement Process 3

Credits

Includes introduction and overview, elements of supplier selection, supplier evaluation, the bidding process, summary of the procurement process.

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Credits

Includes introduction, general contract principles, general contract principles continued, contract drafting, contract drafting continued, types of purchasing contracts, agency and summary.

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Includes introduction, fundamentals of communication, knowing the audience, the power of listening, credibility of the speaker.

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Includes introduction and overview, what is contract? Elements of a contract, duties and obligations.

914 Legal Aspects of Contracts 3

Credits

Includes what is the deal? Representation, good faith and conclusion.

915 Procurement and Supply Management 3 Credits

916 Marketing Channels 3

Credits

917 Facilities Location Models 3 Credits

918 Transportation and Business Logistics 3 Credits

919 Logistics Strategies 3

Credits

920 Operations Research 3

Credits

921 Economics of Transportation 3

Credits		
922	Production Planning and Control	3 Credits
923	The Progression of Professional Supply Management	3 Credits
924	Organizational Issues	3
Credits		
925	Supply Management, an Organization-Spanning Activity	3
Credits		
926	A Portfolio of Relationship	3 Credits
927	New Product Development	3
Credits		
928	Purchasing Descriptions and Specifications	3
Credits		
929	Managing for Quality	3
Credits		
930	The Procurement of Equipment	3 Credits
931	Purchasing Services	3
Credits		
932	Outsourcing	3 Credits
933	Sourcing	3 Credits
934	Global Supply Management	3
Credits		
935	Total Cost of Ownership	3 Credits
936	Price and Cost Analysis	3 Credits

Fifth Semester

Seminar 1

Seminar 11

Seminar 111

Sixth Semester

Proposal Defence

Internal Defence

External Defence

2.28 MSc PROJECT MANAG4MENT

First Semester

800 Resource and Workforce Management

Includes; an overview of the different elements, resource management, role-based needs for managing resources in a project-driven organization, resource leveling and games of chance practical resource scheduling.

801 Budgeting and Cost Control

Includes; concepts and issues of project budgeting and cost control, software support for cost management.

802 Risk Management and Contingency

Includes; using and managing contingency, risk management for the sigma phobic, managing schedule, cost, and technical risk and contingency, some computer-based approaches to schedule, and risk analysis.

803 Maintaining the Plan

Includes; change control and scope management, real-time status versus period data, automatic project management, a classify oxymoron.

804 Project Portfolio Management

Includes; measuring the value of work accomplishment

805 Performance Measurement

Includes; defining and implementing project, portfolio management, bridging the gap between operations, management and projects management, the important role of project portfolio management, project selection and risk, risk management is an essential part of project portfolio management.

806 Project Management Enterprise

Includes; the search for automated, integrated, enterprise-wide project management, and the temple of unrealized dreams, integrating PM and ERP.

807 Project Management and Professional Services Automation

Includes; defining the PSA market, building PSA solutions.

808 Tools of the Trade

Includes; a simplified and balanced approach to PM software selection, new names for old games, rebadging sound and proven PM concepts, the revolution collaboration services B2B gateways.

809 Making Project Management Work

Includes; implementing project management, commitment and training ensure success making project communication work, everything you need to know about project communication, how project management implementation programs fail, teams, task forces, and bureaucrats, the psychological contract; how to stimulate initiative and innovation in any organization, shares rewards.

810 The Nature and Purpose of Project Management

Includes; projects-project objectives – INTERNET and the association of project managers.

Second Semester

811 Project Management Organization

Includes; project management organization in a manufacturing company – the project manager in manufacturing project, project management organization in capital projects, organizations with more than one project manager, the project manager himself, support cooperation and training for the project manager.

812 Defining the Project

Includes; projects which cannot be defined, defining a project for financial appraisal, the customer's project specification, use of checklists, the contractor's project specifications for product development projects, developing and documenting the project specification.

813 Cost Estimates II

Includes; essential cost definition and principles, estimating accuracy, labeling projects cost estimate, work breakdown, cost coding, compiling the task list, level of detail in project cost estimating, estimating forms, manufacturing estimates, collecting estimates from labour time, personal estimating characteristic, estimate from material and equipment cost, below the line cost, foreign currencies, reviewing the estimate.

814 Commercial Management

Includes; financial projects appraisals, funding, contracts, contract payment structures, insurance.

815 Planning the Timescale

Includes; the planning time frame, time tables, bar charts, critical path network analysis, PERT, arrow diagram construction, precedence networks, precedence versus activities and arrow, network analysis as a basic tool, further reading.

816 Principles of Resource Scheduling

Includes; case study, garage project, float, project resource scheduling in practice, the seven steps of project scheduling, project scheduling in the corporate context,

scheduling cash flow.

817 Introducing the Computer

Includes; advantages of computer scheduling, facilities required, network notation, preparing for a computer run data errors, the initial scheduling process, output reports, updating, and suggested programmes.

818 More Advanced Procedures and Systems

Includes; case study, standard networks and library modules, hammocks and skeletons multi-project resource scheduling, a program for probability and risk analysis, integrated databases, influence.

819 Scheduling Parts of Manufacturing Projects

Includes; the scheduling framework, case study; single filling cabinet project, parts listing and collation for multiple batches, line of balance, case study; multiple filing cabinet project.

820 Implementing the Programme

Includes; projects authorization, preliminary organization of the project, sitting up project communication, establishing procedures, authorizing work without an order, making the project commitments known, drawing and purchase control schedules, monitoring progress, priorities in manufacturing projects, haste versus quality, subcontractors, site organization meetings, project progress report.

3rd Semester

Seminars Presentation

4th Semester

Proposal Defence

Internal Defence

External Defence

2.29 Ph.D PROJECT MANAG4MENT

First Semester

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Includes; the planning time frame, time tables, bar charts, critical path network analysis, PERT, arrow diagram construction, precedence networks, precedence versus activities and arrow, network analysis as a basic tool, further reading.

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Includes; projects authorization, preliminary organization of the project, sitting up project communication, establishing procedures, authorizing work without an order, making the project commitments known, drawing and purchase control schedules, monitoring progress, priorities in manufacturing projects, haste versus quality, subcontractors, site organization meetings, project progress report.

Third Semester

921 Purchasing and Materials Management

Includes; the purchasing cycle, the purchase order, specifying the goods, purchase order amendments, timing of orders and deliveries, purchase of small quantities, project purchasing versus stock purchasing, expediting, shortages, stores, materials control as a common service.

922 Purchasing for Major Construction Projects

Includes; the purchasing organization, purchase control schedules, purchase enquiries bid summaries purchase requisitions and inspection and expediting, vendors documents, shipping port and customs formalities, purchase order status reports.

923 Changes Concessions and Build Schedules

Includes; classification, authorization procedure, use of standard request forms, coordination procedure, estimating the cost of a design modification, recording the actual cost of a modification, forms and procedures, emergency modifications,

document analysis, monitoring by milestones, the project ledger concept, predicting project profitability, post mortem.

924 Closing the Project Down

Includes; formal closure notice, documentation, file management, disposal of surplus material stocks, saving your project, step 4 – hand it over.

925 Tasks and Milestones

Includes; project tasks, creating a task, task duration, adding tasks, task dependencies, linking tasks, unlinking tasks, changing dependences, moving a task, deleting a task, the task form, project milestones, recurring tasks.

926 Adding Structure

Includes; project structure, summary tasks, task rollup, changing the timescale, project stages, implementing a 5-stage approach, changing budgets, adding a change budget, breaking tasks down, outlining numbering, outline codes, subtasks, stages, tasks and activities.

927 More about Tasks

Includes; lag time and lead time, task notes, deadline dates, moving around, the critical path, Gantt chart wizard, splitting tasks, moving linked tasks.

928 Project Costs

Includes; project cost, costs in project, resource costs, fixed costs, variable resource costs, cost rate table, applying resource rates, the business case.

929 Project Calendars

Includes; calendars, project defaults, standard calendar, creating a new base calendar, task calendar, changing a resource calendar.

930 Project Scheduling

Includes; scheduling fixed-unit tasks, fixed duration tasks, fixed-work tasks, contouring, resource contouring, backward scheduling.

Fourth Semester

931 Conflicts and Constraints

Includes; resource conflicts, resource leveling, manual adjustments, task constraints, applying constraints, constraint conflicts, viewing constraints, setting a baseline, interim plans, clearing a baseline.

932 Viewing Data

Includes; views, tables, grouping, customized groups, fiscal year, filters, auto filter, filter criteria, filter by resource, custom filters, orbiting, highlight filters.

933 Printing Reports

Includes; pricing, headers and footers, previewing reports, print set up and scaling, printing reports, copy picture.

934 Tracking Progress

Includes; progress tracking, progress information, completed work, part completed work, percentage completed, duration completed, entering costs, updating as scheduled, actual versus baseline, tracking Gantt charts, project statistics, progress lines, when is a task completed?

Fifth Semester

Seminars Presentation and Proposal Defence

Sixth Semester

Internal and External Defence

2.30 MSc Strategic Management

801 International Strategic Management

3 Credits

Includes the nature of global competition, advantages and disadvantages of international operations, cultures around the world, the global challenge, and the impact of diverse industrial policies, globalization, the U.S- Mexico free trade agreement, economic and political reforms, and new business opportunities.

802 The Commonwealth of Independent States

3 Credits

Includes money and politics, joint ventures, guidelines for strategic ventures, Japanese management style, global expansion, financial services, current developments in Japan, unification, Mergers and acquisitions, guidelines for success as a global competitor, determining the competitive environment, determining my university's recruiting efforts in foreign countries.

803 Business-Level Strategy

3 Credits

Includes foundations of business-level strategy, customer needs and product differentiation, customer groups and market segmentation, deciding on distinctive competencies, choosing a generic competitive strategy at the business level, cost-leadership strategy, strategy in action, differentiation strategy, both cost leadership and differentiation, focus strategy, being stuck in the middle, make a

comeback, finding a niche in the outsourcing market.

804 Business Policy Case 3

Credits

Includes guidelines for preparing case analyses, the need for practicality, the need for justification, the need for realism, the need for specificity, the need for originality, the need to contribute.

806 Investment Strategy at the Business Level 3 Credits

Includes competitive position, life cycle effects, choosing an investment strategy, strategy in action.

807 Case for Class Discussion 3

Credits

Includes the case method versus lecture approach, the cross-examination.

808 Business-Level Strategy and the Industry Environment 3

Credits

Includes strategy in fragmented industries, chaining, franchising, horizontal merger, strategy in embryonic and growth industries, complementary assets, barriers to imitation, capable competitors, three innovation strategies, strategy in action, strategy in mature industries.

809 Strategy in the Global Environment 3 Credits

Includes profiting from global expansion, transferring distinctive competencies, goes international, realizing location economies, moving down the experience curve, pressures for cost reductions and local responsiveness.

909 Research Methodology GNS

910 Advanced English and Effective Communication GNS

911 Organizational Behaviour GNS

912 Management Theory and Practice GNS

Second Semester

812 The Case Analyst Software 3 Credits

Includes contents of the diskette, using case analyst with other spreadsheets, prior experience with lotus, format of the spreadsheets on the case analyst diskette, pro forma statements, a pro forma example using lotus, a ratio example.

813 Strategic Choice 3 Credits

Includes international strategy, multi-domestic strategy, global strategy,

transnational strategy, the choice of entry mode, exporting, licensing, franchising, joint ventures, wholly owned subsidiaries, choosing among entry modes.

814 Service Organizations 3 Credits

Includes banc one corporation, Transouth financial corporation, and the Arden group.

815 Global Strategic Alliances 3 Credits

Includes advantages of strategic alliances, Siemens alliances, disadvantages of strategic alliances, making strategic alliances work, partner selection, alliance structure, managing the alliance.

816 Retailing Firms 3 Credits

Includes the limited, service merchandise, baby superstore, NSP corporate graphics, WAL-MART.

818 Vertical Integration, Diversification, and Strategic Alliances 3 Credits

Includes vertical integration, creating value through vertical integration, specialized assets and vertical integration in the aluminium industry, arguments against vertical integration, bureaucratic costs and the limits of vertical integration.

819 Designing Organizational Structure 3 Credits

Building blocks of organizational structure, differentiation, integration, and bureaucratic costs, problems with tall Hierarchies, centralization or decentralization, vertical differentiation, simple structure, functional structure, advantages of a functional structure, problem with a functional structure, multidivisional structure, advantages of a multidivisional structure, disadvantages of a multidivisional structure, matrix structure, product team structure, forms of integrating mechanisms, integration and control.

820 Organizational Culture 3 Credits

Includes culture and strategic leadership, the composition of the top management team, traits of strong corporate cultures.

821 Strategic Reward Systems 3 Credits

Includes individual reward systems, group and organizational reward systems, motivate a top manager.

822 Matching Structure and Control to Strategy 3 Credits

Includes structure and control at the functional level, manufacturing, research and

development.

Third semester

Seminar 1

Seminar 11

Fourth semester

Proposal Defence

Internal Defence

External Defence

2.31 Ph.D Strategic Management

901 The Strategic Management Process 3

Credits

Includes opening case like Southwest airtimes, introduction, the traditional approach, a new approach, strategic planning at royal Dutch/shell, a model of the strategic management process, mission and major goals, external analysis, internal analysis, strategic choice, strategy implementation, the feedback loop, criticisms of formal planning systems, planning equilibrium, planning under uncertainty, Ivory Tower planning, strategic intent versus strategic fit.

902 Strategic Decision Making 3

Credits

Includes cognitive biases, Eastman Kodak applies strategic intent to the management of technology, groupthink, techniques for improving decision making, strategic managers and strategic leadership, strategy in action, imperial's acquisition of Howard Johnson, levels of strategic management, strategic leadership.

903 Mission and Goals 3 Credits

Includes Allegis Corporation, overview, defining the business, a single-business company, a diversified company.

904 Vision and Major Goals 3

Credits

Includes strategic intent, vision, and goals, maximizing stockholder wealth, the

short-term problem, strategy in action, how a short-term orientation may have cost the United States leadership in the market for active matrix, liquid crystal displays, secondary goals, corporate philosophy, corporate stakeholders, stakeholders and the mission statement, stakeholder impact analysis.

905 Corporate Governance and Strategy

3 Credits

Includes management goals versus stockholder goals, strategy in action, a case of on-the job consumption, stockholder meetings, the role of the board, stock-based compensation schemes, the takeover constraint and corporate raiders, poison pills and golden parachutes, leveraged buyouts.

906 Strategy and Ethics

3 Credits

Includes the purpose of business ethics, shaping the ethical climate of an organization, strategy in action, the Jack-in-the-box poisonings, thinking through ethical problems, corporate social responsibility.

907 Strategy Analysis and Choice

3 Credits

Includes the nature of strategy analysis and choice, the process of generating and selecting strategies, long term objectives, the nature of long-term objectives, not managing by objectives, a comprehensive strategy formulation framework, the input stage, the matching stage, the threats opportunities weaknesses strengths matrix, the strategic position and action evaluation matrix, the Boston consulting group matrix, the internal-external matrix, the grand strategy matrix.

908 The External Environment

3 Credits

Includes potential competitors, strategy in action, barriers to entry into the commercial Jet Aircraft Industry, Rivalry among established companies, the bargaining power of buyers, the bargaining power of suppliers, strategy in action, the changing relationship between buyers and suppliers in the health care Industry, the threat of substitute products, the role of the macro environment, strategic groups within Industries, the concepts of strategic groups, implications of strategic groups.

909 Research Methodology GNS

910 Advanced English and Effective Communication GNS

911 Organizational Behaviour GNS

912 Management Theory and Practice GNS

Second Semester

913 The Decision Stage

3 Credits

Includes the quantitative strategic planning matrix, positive features and limitations of QSPM, cultural aspects of strategy choice, the politics of strategy choice, the role of a board of directors, developing a space matrix, developing a BCG matrix, developing a QSPM, formulating individual strategies, the Mach test, developing a BCG matrix for my University, using the strategy analyst software to generate strategy formulation matrices, Limitations of the Five Forces and Strategic Group Models.

915 StaticModels in a Dynamic World, Industry Structure and Company Differences 3 Credits.

Includes competitive changes during industry evolution, embryonic industries, growth industries, industry shakeout, mature industries, declining industries, variations on the theme, competition in a mature industry, the U.S Beer Industry.

916 Implementing Strategies Management Issues

3 Credits

Includes management perspectives, annual objectives, policies, resource allocation, and managing conflict.

917 Globalization And Industry Structure

3 Credits

Includes the causes of global shift, the consequences of global shift, strategy in action, competitive interdependence in the global tire industry, national context and competitive advantage.

918 Matching Structure with Strategy

3 Credits

Includes the functional structure, the divisional structure, the strategic business unit (SBU) structure, the matrix structure, linking performance and pay to strategies, managing resistance to change, managing the natural environment, creating a strategy supportive culture, production/operations concerns when implementing strategies.

919 Competitive Advantage, Resources, Capabilities, And Competencies 3 Credits

Includes low cost and differentiation, the generic building blocks of competitive advantage, efficiency, quality, innovation, customer responsiveness, summary,

strategy in action, how Citicorp used time-based competition to build a competitive advantage.

920 Human Resource Concerns when Implementing Strategies 3 Credits

Includes employee stock ownership plans, balancing work life and Hon Life, corporate fitness programs, revising organizational chart, matching managers with strategy, do organizations really establish objectives, understanding my university's culture.

ThirdSemester

921 Distinctive Competencies, Resources and Capabilities 3

Credits

Includes resources and capabilities, strategy in action, leadership position in CAT Scanners, a tale of good resources but poor capabilities, strategy and competitive advantage, the role of Luck, the durability of competitive advantage, barriers to imitation, strategy in action, dominate the computer software industry, capability of competitors, industry dynamism, and summary.

922 Implementing Strategies Marketing, Finance/Accounting, and Development, Computer Information System Issues 3

Credits

Includes the nature of strategy implementation, marketing issues, market segmentation, product positioning.

923 Why Do Companies Fail 3 Credits

Includes inertia, prior strategic commitments, the Icarus Paradox, strategy in action, avoiding failure and sustaining competitive advantage, focus on the building blocks of competitive advantage, best industrial practice and benchmarking, overcoming inertia.

924 Financial Accounting Issues 3

Credits

Includes acquiring capital to implement strategies, formal financial statements, financial budgets, evaluating the worth of a business, deciding whether to go public, research and development, computer information systems issues, developing a product positioning map, using case analyst to prepare pro forma

financial statements, determining the cash value, developing a product positioning map for my university.

925 Strategy Review, Evaluation, and Control

3

Credits

Includes the nature of strategy evaluation, the process of evaluating strategies, a strategy evaluation framework, reviewing bases of strategy, measuring organizational performance, taking corrective actions.

926 Building Competitive Advantage Through Functional-Level Strategies 3

Credits

Includes achieving superior efficiency, economies of scale, learning effects, and the experience curve, flexible manufacturing and efficiency, strategy in action, how the experience curve helped and then hindered Texas Instruments, marketing strategy and efficiency, materials management, strategy, and efficiency, strategy and efficiency, human resources strategy and efficiency, infrastructure and efficiency, summary, the TQM concept, strategy in action, TQM programs on quality, implementing TQM, Intermountain Health Care.

Fourth Semester

927 Published Sources of Strategy Evaluation Information Characteristics of an Effective Evaluation System Contingency Planning, Auditing 3

Credits

Includes the environmental audit, using computers to evaluate strategies, guidelines for effective strategic management, preparing a strategy evaluation report, evaluating my university's strategies, global issues in Strategic Management.

928 Achieving Superior Innovation

3 Credits

Includes the high failure rate of innovation, strategy in action, how a slow cycle time cost Apollo computer the lead in the market for workstations, building competencies in innovation, summary, satisfying customer needs, customer focus, customer responsiveness, how materials management and information systems

help Bose improve its customer responsiveness.

929 International Strategic Management

3 Credits

Includes the nature of global competition, advantages and disadvantages of international operations, cultures around the world, the global challenge, and the impact of diverse industrial policies, globalization, the U.S- Mexico free trade agreement, economic and political reforms, and new business opportunities.

930 The Commonwealth of Independent States

3 Credits

Includes money and politics, joint ventures, guidelines for strategic ventures, Japanese management style, global expansion, financial services, current developments in Japan, unification, Mergers and acquisitions, guidelines for success as a global competitor, determining the competitive environment, determining my university's recruiting efforts in foreign countries.

931 Business-Level Strategy

3 Credits

Includes foundations of business-level strategy, customer needs and product differentiation, customer groups and market segmentation, deciding on distinctive competencies, choosing a generic competitive strategy at the business level, cost-leadership strategy, strategy in action, differentiation strategy, both cost leadership and differentiation, focus strategy, being stuck in the middle, make a comeback, finding a niche in the outsourcing market.

932 How to Analyse a Business Policy Case

3 Credits

Includes guidelines for preparing case analyses, the need for practicality, the need for justification, the need for realism, the need for specificity, the need for originality, the need to contribute.

933 Choosing an Investment Strategy at the Business Level

3

Credits

Includes competitive position, life cycle effects, choosing an investment strategy, strategy in action.

Fifth Semester

Seminar 1

Seminar 11

Seminar 111

Sixth semester

Proposal Defence

Internal Defence

External Defence

2.32 MSc. Conflict Management

First Semester

800	United Nations Security and Peace.	3
	Credits	
801	Causes, Course and Consequences of World War I and Peace.	3
	Credits	
802	United Nations Declaration of Human Rights and Peace.	3
	Credits	
803	Causes, Course and Consequences of Political Upheavals and Peace.	3
	Credits	
804	Causes, Course and Consequences of Armed Robbery, Banditry and Peace.	3
	3 Credits	
805	General Psychology.	3
	Credits	
806	Causes, Course and Consequences of street fights and Peace.	3
	Credits	
807	Causes, Course and Consequences of Family Disputes.	3
	Credits	
808	General Sociology.	3
	Credits	
809	Causes, Course and Consequences of Delinquents and Peace.	3
	Credits	
810	Research Methodology	
811	Theory and Practice of Management	
817	Organizational Behaviour	
818	Advanced English Language	

Second Semester

814	Causes, Course and Consequences of International Terrorism and Peace.	3
	Credits	
815	Causes, Course and Consequences of World War II and Peace.	3
	Credits	
816	Political Science and Peace.	3

Credits

817 Effects of Democracy on Peace. 3

Credits

818 International Conflicts and Peace. 3

Credits

819 Good Governance and Peace. 3

Credits

821 Causes, Course and Consequences of International Conflicts and Peace. 3

Credits

822 The Family – a Domestic Peace Unit. 3

Credits

823 Causes, Course and Consequences of National Conflicts and Peace. 3

Credits

Third Semester

Seminar 1

Seminar 11

Fourth semester

Proposal Defence

Internal Defence

External Defence

2.33 Ph.D Estate Management

First Semester

901 Introduction to Estate Management 3 Credits

Includes the scope, definitions, characteristics, resource potentialities and cultural resources upon the growth, distribution, density, and settlement of the forms of the world's population.

902 Global Physical Environment 3 Credits

Includes global distribution processes of climate, weather, ecosystem, landforms, and soils, emphasizing interrelationships.

903 Atmosphere Environment and Society 3 Credits

Includes changing interactions between humans, other animals and plants, and the atmospheric environment, both in time and space.

904 Resources and People 3 Credits

Includes human population growth and its impact on the earth's resources,

including food, energy, physical materials, after, biota, and landscapes; the geography of resource availability and the limits of the earth as producer of resources, the importance of attitudes and values in resource use.

905 Biography of Africa Environment 3 Credits

906 Soil Ecosystem and Resource 3 Credits

Includes the role of soils in ecosystems (habitat, moisture and nutrient reserve, biologically active part of the groundwater system) and the impact of human activity on the soil environment.

Second Semester

907 Plants and Man- Environmental Sustainability 3 Credits

Includes a speculative, systems – oriented approach to the interrelation of plants and humans in their evolution and cultural development, with an historical geographic perspective concluding with a consideration of 20th century America's planting human interplay.

908 The Human Role in Changing Face of the Earth 3 Credits

Includes a view of people in prehistory and through the historical record (to 1900 A.D) as active agent the alteration of the ecosphere.

909 Operation Research Methodology 3 Credits

910 Theory of Management 3 Credits

911 Introduction of the City (Urbanization) 3 Credits

Includes analysis of the distributions of cities, their functions, character and relationships with their surrounding regions, and the areal patterns within cities; the spatial variation of population, economic activity, and land uses.

912 Regional Development and Planning (Urbanization &Planning 2) 3 Credits

Includes analysis of the human organization of the environment and an evaluation of those principles of regional science which have been developed to promote more desirable forms of spatial organization.

Third Semester

913 Climatology 3 Credits

Includes elements and controls of climate and the distribution of world climates. Emphasis on regional dynamic climatology.

914 Analysis of the Physical Environment 3 Credits

Includes selected associations of natural and human environments illustrative of the broad principles of physical geography. Practical application of data collection and the use of laboratory and field methods to Wisconsin examples employing quantitative and non-quantitative analytical methods.

915 Hazardous Environment 3 Credits

Includes an analysis of the unexpected hazardous elements of our physical environment as hurricanes, tornadoes, floods, earthquakes, their physical characteristics, regional distribution, economic aspects, and human adjustments.

916 Vegetation: Stability and Change 3 Credits

Includes vegetation in environmental systems; vegetation dynamics in natural and human altered environments; impacts of human activities upon vegetation in North America with emphasis on changes since the European settlement.

917 Environmental Conservation 3 Credits

Includes ecological and cultural backgrounds of conservation, problems of resource and environmental quality management, and pressing issues of population, foods, energy, and pollution.

918 Migration 3 Credits

Includes physical and human distributions and interrelations, with emphasis on the spatial processes and patterns of modernization.

Fourth Semester

919 Quantitative models in Environment 3 Credits

Includes scientific methods in collecting, reporting and interpreting information;

inferences and decisions in the elements of probability; random variables; binomial and normal probability distributions; point and interval estimation of means and proportion; tests of statistical hypotheses; estimation of variances. Introduction to Mathematical Statistics 3cr. includes element of probability, important discrete distributions, acceptance sampling by attributes, sample characteristics, probability distributions and population characteristics, the normal distribution, acceptance sampling plans based on sample means and variances, sampling from the normal, the central limit theorem, point and interval estimation.. Includes tests of hypotheses, control charts, goodness of fit tests; order statistics and nonparametric tests; regression theory, analysis of variance.

920 Applied Regression Analysis in Environment 3 Credits

Includes an introduction to regression with emphasis on the practical rather than the theoretical aspects. Begins with fitting a straight line, converts this problem into matrix terms and then proceeds to fitting and evaluation of general linear models.

921 Introduction to Time Series in Environment 3 Credits

Includes autocorrelation, elements of spectral analysis; dynamic models; autoregressive and moving average models; identification and fitting; forecasting; seasonal adjustment; applications in the social sciences and environmental studies.

922 Public Safety 3 Credits

923 Evaluation and Impact Assessment in Environment 3 Credits

924 Mortality 3 Credits

Theoretical and demographic empirical analysis of current and historical issues concerning epidemiological/health transition, demographic and socioeconomic differentials in health and mortality, infant and child mortality, status of women and health, environment and health, demographic change and nutrition, health care systems, and health planning policies in the United States and in other developed

and developing countries. Explores advanced sources of demographic data, measures, and methods of analyses used to analyze the levels and changes in these processes used in applied demographic settings. (Formerly titled "Fertility and Mortality."

925 Demographic Methods of Analysis in Environment 11 3
Credits

Examines use of advanced demographic and statistical methods of analysis of population and sample data, including simulating, adjusting, and smoothing; advanced survival analysis, methods of rate decomposition and standardization, population estimation, population projections and evaluations of each. Considers applications of demographic techniques in marketing, management and impact analyses in business and government. (Formerly titled "Advanced Methods of Applied Demographic Analysis."

926 Demographic Methods of Analysis 3
Credits

Examines basic materials and methods used in demography, including methods for measuring levels and rates of population change, fertility, mortality, migration (both domestic and international), distribution, and composition. Emphasis on cohort and period patterns of change, methods of standardization, and life table methods. (Formerly titled "Basic Demographic Methods of Analysis."

927 Landscape Planning and Environment 3
Credits

Theoretical and empirical overview of major issues and methodological approaches in the Landscape study of human domain in developing and developed countries. Explores advanced sources of demographic data, measures, and demographic methods of analyses used to analyze the levels and changes in these processes used in applied settings

928 Survey Methods for Estate Managers 3
Credits

This course examines the use of survey methodology and the research process, with special attention given to survey instruments as they relate to demographic

research. Topics to be covered include a general overview of large demographic surveys, modes of data collection, questionnaire design, reliability and validity, sampling, and analysis incorporating survey designs for various large-scale demographic surveys. Special attention will be given to data collected by the U.S. Bureau of the Census. Statistical software applications will be used as they relate to demographic survey instruments. (Formerly titled "General Research Methods for Demographers II.")

929 Migration

3

Credits

Examines patterns, trends and consequences of migration and immigration in the United States and other parts of the world. Explores historical and current theoretical perspectives on migration, analysis of historical, current and projected patterns of migration in the United States and other parts of the world, and examines effects of migration on other demographic, economic, social, and political factors in the United States and elsewhere

Fifth Semester

Seminar 1

Seminar 11

Seminar 111

Sixth Semester

Proposal Defence

Internal Defence

External Defence

2.34 Ph.D Conflict Management

First Semester

900 United Nations Security and Peace. **3**

Credits

901 Causes, Course and Consequences of World War I and Peace. **3**

Credits

902 United Nations Declaration of Human Rights and Peace. **3**

Credits

903 Causes, Course and Consequences of Political Upheavals and Peace. **3**

Credits

904 Causes, Course and Consequences of Armed Robbery, Banditry and Peace.

3 Credits	
905 General Psychology.	3
Credits	
906 Causes, Course and Consequences of street fights and Peace.	3
Credits	
907 Causes, Course and Consequences of Family Disputes.	3
Credits	
908 General Sociology.	3
Credits	
909 Causes, Course and Consequences of Delinquents and Peace.	3
Credits	
910 Research Methodology	
911 Theory and Practice of Management	
912 Organizational Behaviour	
913 Advanced English Language and Effective Communication Skills	
Second Semester	
914 Causes, Course and Consequences of International Terrorism and Peace.	3
Credits	
914 Causes, Course and Consequences of World War II and Peace.	3
Credits	
915 Political Science and Peace.	3
Credits	
916 Effects of Democracy on Peace.	3
Credits	
917 International Conflicts and Peace.	3
Credits	
918 Good Governance and Peace.	3
Credits	
919 Causes, Course and Consequences of International Conflicts and Peace.	3
Credits	
920 The Family – a Domestic Peace Unit.	3
Credits	
Third Semester	
921 Causes, Course and Consequences of National Conflicts and Peace.	3
Credits	
922 Sources of Conflict Management & Peace.	3
Credits	
923 Peace Process and Post-Conflict Reconstruction in Latin America.	3
Credits	
924 Peace Process and Post-Conflict Politics in Latin America.	3

Credits		
925	Managing Organizational Conflict.	3
Credits		
926	Islam and Peacebuilding.	3
Credits		
927	Cross-Cultural Conflict Analysis and Intervention.	3
Credits		
Fourth Semester		
928	Advanced Conflict Resolution Skills.	3
Credits		
929	Conflict Management and Development.	3
Credits		
930	Evaluation and Conflict Resolution.	3
Credits		
931	Mediation Skills.	3
Credits		
932	Conflict Resolution/Terrorism.	3
Credits		
933	Theories of Political Development.	3
Credits		
934	Islam and Nationalism in Saudi Arabia.	3
Credits		
Fifth Semester		
Seminar 1		
Seminar 11		
Seminar 111		
Sixth Semester		
Proposal Defence		
Internal Defence		
External Defence		
2.35 MSc. Conflict Management		
First Semester		
800	United Nations Security and Peace.	3
Credits		
801	Causes, Course and Consequences of World War I and Peace.	3
Credits		
802	United Nations Declaration of Human Rights and Peace.	3
Credits		
803	Causes, Course and Consequences of Political Upheavals and Peace.	3

Credits

804 Causes, Course and Consequences of Armed Robbery, Banditry and Peace 3

Credits

805 General Psychology. 3

Credits

806 Causes, Course and Consequences of street fights and Peace. 3

Credits

807 Causes, Course and Consequences of Family Disputes. 3

Credits

808 General Sociology. 3

Credits

809 Causes, Course and Consequences of Delinquents and Peace. 3

Credits

810 Research Methodology

811 Theory and Practice of Management

Second Semester

812 Causes, Course and Consequences of International Terrorism and Peace. 3

Credits

813 Causes, Course and Consequences of World War II and Peace. 3

Credits

814 Political Science and Peace. 3

Credits

815 Effects of Democracy on Peace. 3

Credits

816 International Conflicts and Peace. 3

Credits

817 Good Governance and Peace. 3

Credits

818 Causes, Course and Consequences of International Conflicts and Peace. 3

Credits

819 The Family – a Domestic Peace Unit. 3

Credits

820 Causes, Course and Consequences of National Conflicts and Peace. 3

Credits

821 Sources of Conflict Management & Peace. 3

Credits

822 Comparative Ethnic and Religious Conflict. 3

Credits

Third Semester

Seminars 1-11

Fourth Semester

Proposal Defence

Internal Defence

Thesis Presentation

SCHOOL OF EDUCATION

3.0 Programmes in the Sciences of Education

3.1 M.A Sociology Religion

801 Peoples and Cultures of Africa. 3

Credits

Includes; Native peoples and cultures with their changes and status under European domination and since independence.

802 The Origins of Civilisation. 3

Credits

Includes; A global archaeological survey of the origins of pristine civilizations beginning with the development of food production and ending with the emergence of the world's first civilization. Focus of attention Near East, Egypt.

803 Ecological Anthropology. 3

Credits

The comparative study of human population in ecosystems. Relations between culture and the bio-physical environment; with the focus on cultural adaptation. Implications for anthropological theory, sociocultural evolution and contemporary problems.

804 Principles of Macroeconomics. 3

Credits

Includes; Macroeconomic measurement and models of aggregate demand and supply; fiscal and monetary policy for unemployment, inflation, and growth.

805 Survey of International Economics. 3

Credits

Includes; Contemporary theory of international trade and finance applied to current economic events.

806 Epistemology. 3

Credits

Includes; Contemporary theory of epistemology, methodology in developed and applied to current problems in international studies.

807 International Comparisons in Religion – Inter faith comparison. 3

Credits

Includes; Comparisons of selected West Europeans countries, Japan, and the

U.S.S.R. with the United States, in terms of structures of management and labour force within individual relations and methods of operations of the bodies in these different countries.

General Course

808 Organizational Behaviour 3

Credits

809 Theory of Management 3

Credits

810 Advanced English 3

Credits

811 Research Methodology 3

Credits

2nd Semester

912 Culture and Environment. 3

Credits

Includes; Geographic approaches to culture – nature relationships, including human perception of, use of, and adaptation to the physical environment, with emphasis on traditional subsistence systems; selected topics from contemporary and historical sources.

813 The Crusades: Christianity and Islam. 3

Credits

Includes; an examination of the Crusades from both Christian and Islamic perspectives; the historical, social, and religious, context and significance of the Crusades for both Christian and Muslims.

814 Contemporary Societies. 3

Credits

Includes; Imperialism and national liberation from the Cold War to the present: the impact of the world market and the strategy of containment on several developing societies; a comparison of revolutionary movements in selected Western and non-Western countries.

815 The growth and Development of Nations in the Global Economy. 3

Credits

Includes; This course explores the roles of markets, states, and civil institutions, using economic theory, computer simulations, and historical experience to better understand the forces that shape the wealth and well-being of nations and people around the world.

816 Global Security. 3

Credits

Includes; Treatment of topics in global security. Can be repeated by students but not with the same content.

817 Introduction to Comparative Politics. 3

Credits

Includes; Political institutions of major foreign nations stressing comparison of basic principles and techniques with those of the United States.

818 Methods of Sociological Inquiry 3

Credits Includes scientific methods and their application in the analysis of society; procedures in testing sociological theory: problem definition, hypothesis construction, collection and evaluation of data.

819 Design and Analysis of Social Research 3

Credits

Includes logic of social inquiry, operationalization of social theory, procedures for gathering and organizing data, hypothesis testing, analysis of data, and techniques for generalizing from samples to populations.

820 Ethnomethodology 3

Credits

Includes the study of how people, in their everyday lives, assign sense to the world and thereby assemble society's prominent features. Examination of controversial and other interactive practices.

821 Phenomenology and Existentialism 3

Credits

Includes application of sociological theory and research for wildlife policy and management, including the social psychology of human attitudes and behaviours towards wildlife, social problems created by wildlife, social issues in wildlife

management, and institutions which shape wildlife policy.

World War II

3

Credits

Includes cause, course and consequences.

Third and Fourth Semesters

First Seminar

Second Seminar

Third Seminar

Thesis Defence

3.2 Master in Educational Administration

1st Semester

800 Teachers and the Law

3 Credits

Includes teachers' legal rights and their duties in the classroom, teachers' contract rights, and the teachers' right to academic freedom and personal freedom. Sex discrimination in the classroom and curriculum.

802 Organization & Operation of Pupil Services Programmes

3

Credits

Includes organization and operation of pupil services programs in elementary and secondary schools with emphasis on teacher roles and functions in identification and referral of students.

803 Educational for Employment for Elementary School Pupils

3

Credits

Includes emphasis on the background and development of education for employment; federal, state and local roles in education for programs, and education for employment partnerships involving community, administration and teachers.

804 Administrations & organizations of Childcare & Early Childhood Education Programmes

3 Credits

Includes organization and administrative theory in application to early learning, child care and child development service programs and systems. Strategies in

organizational development, issues and problems in management, supervision. Planning and policy development processes in designing system to serve identifiable client interests and needs.

805 Public School Administration 3

Credits

Includes organization of public education, roles of local school districts, state and federal government; task areas and functions facilities. The physical environment at all levels of education.

806 Development and Administering Educational Facilities 3

Credits

Includes planning, development and administering educational facilities. The physical environment at all levels of education.

807 Organizations & Administration of School Health Programmes 3

Credits

Includes theory philosophy, patterns and responsibilities.

808 Managerial Research Methodology 3

Credits

809 Research Methodology „

810 Advanced English Language „

811 Organizational Behaviour „

812 Management Theory and Practice „

2nd Semester

813 Field Experience in Educational Administration 3

Credits

814 Administration of Teaching& Learning Organization 3

Credits

815 Research Methods & Procedures in Educational Administration 3

Credits

816 Programmes Development in Continuing Education 3

Credits

817 Facility Learning for Adults 3

Credits

818 Ethics in Educational Administration 3

Credits

819 Governance & Administration of Education for Work Programmes 3
Credits

820 Introduction to French 3
Credits

3rd Semester

1st Seminar

Seminar 11

4th Semester

Proposal Defence

Internal Defence

External Defence

Thesis Defence

3.3 Ph.D Education Evaluation

1st Semester

901 Teachers and the Law Evaluation 3 Credits

Includes teachers' legal rights and their duties in the classroom, teachers' contract rights, and the teachers' right to academic freedom and personal freedom. Sex discrimination in the classroom and curriculum.

902 Organization & Operation of Pupil Services Programmes Evaluation 3 Credits

Includes organization and operation of pupil services programs in elementary and secondary schools with emphasis on teacher roles and functions in identification and referral of students.

903 Educational for Employment for Elementary School Pupils 3 Credits

Includes emphasis on the background and development of education for employment; federal, state and local roles in education for programs, and education for employment partnerships involving community, administration and teachers.

904 Administrations and organizations of Childcare and Early Childhood Education Programmes Evaluation

3 Credits

Includes organization and administrative theory in application to early learning, child care and child development service programs and systems. Strategies in organizational development, issues and problems in management, supervision. Planning and policy development processes in designing system to serve identifiable client interests and needs.

905 Public School Administration Evaluation 3

Credits

Includes organization of public education, roles of local school districts, state and federal government; task areas and functions facilities. The physical environment at all levels of education.

906 Development and Administering Educational Facilities 3

Credits

Includes planning, development and administering educational facilities. The physical environment at all levels of education.

907 Organizations & Administration of School Health Programmes 3

Credits

Includes theory philosophy, patterns and responsibilities.

908 Managerial Research Methodology 3

Credits

Second Semester

EDU 910 – Philosophy of Education 3

Credits

EDU 911 – Sociology of Education 3

Credits

EDU 912 – Basic Research in Education 3

Credits

EDU 913 – Measurement and Evaluation 3

Credits

EDU 914 – Project Management in Education 3

Credits

EDU 915 – Economics of Education 3

Credits

EDU 916 – Manpower Planning and Administration in Education 3

Credits

EDU 917 – School Plant Management	3
Credits	
EDU 918 – Statistical Method	3
Credits	
Third Semester	
EDU 919 – Application of Management Information System in Education	3
Credits	
EDU 920 – Educational Policy Analysis	3
Credits	
EDU 921 – Instructional Assessment and Decision Making	3
Credits	
EDU 922 – Advance Research Methods in Education	3
Credits	
PSY 923 – Instructional Task Analysis and Psychological Basis	3
Credits	
Fourth Semester	
924 Administration of Community Education in School Setting	3
Credits	
925 Staff Personnel System in Education	3
Credits	
926 Business Administration of School Systems	3
Credits	
927 Social Psychology of Education	3
Credits	
Fifth Semester	
928 Language & Social Interaction	3
Credits	
929 Social behavior Dynamics	3
Credits	
930 Personality & Social Structure	3
Credits	
931 Issues in Educational Policy Analysis	3
Credits	
932 Anthropology & Education	3
Credits	
933 Cultures, Curriculum & Learning, Linguistic Diversity, Learning & Instruction	3
Credits	
934 Administration of Community Education in School Setting	3
Credits	

935 Social Psychology of Education 3
Credits

6th Semester

1st Seminar

2nd Seminar

3rd Seminar

Thesis/Dissertation Defence

3.4 Ph.D Language Education

First Semester

MAC 901 Basic Mass Communications Skills I & II 3

Credits

Explores basic concepts in communication as they relate to listening reading and written, communication Examines information gathering and processing from the standpoint of listeners, readers, speakers and writers success or failure in developing receptive and expressive communication skills for use in instructional communication.

MAC 902: African Communication System Education 3

Credits

The course examines Africa's oral traditional communication structure, form and content. It surveys the past and present modern mass media systems as influenced by African political culture.

MAC 903: Introduction to Language Education 3

Credits

A general review of the fundamental principles and tenets of the Language discipline.

MAC 903: News Writing and Reporting 3

Credits

This is a practical course designed to enable students become proficient in preparing publishable copy under deadline. Students are assigned beats, to develop stories for publication and are encouraged to submit outstanding articles to the metropolitan news media for publication.

MAC 904: Introduction to Film, Cinema & Literature Education 3

Credits

A review of notable creative pioneers: the evolution of film as a distinct art form and as a medium of communication as well as the kind of film documentary (non-fiction) and avantt-garde-the role of cinema in urban and rural communication.

MAC 905: Theories of Language Education**3****Credits**

This course examines the major theories of Language Education. It analyses the processes of language paying particular attention to the production of messages, their distribution, gate keeping, characteristics and constraints of the media channels in the communication process and issues relating to audiences function. Consideration is given to the development of mass communication theory as a body of ideas, the political economy of mass communication and contemporary perspectives, cultural issues and structural analysis.

MAC 906: Principles of Public Relations Education**3****Credits**

The concepts theories and practices of public relations and public affairs; the importance of public relations in both profit and non-profit organization are examined.

MAC 907: Basic Techniques for Radio and Television Production Education**3****Credits**

An introductory course that emphasizes the basic techniques in Radio and Television production will be given. The work covers the type of audio and video production skills requirement. This course introduces students to the basic skills in production of news and other programmes in the electronic .media: attention will be given to the use of equipment for the radio and television writing.

Research Methodology General course**3****Credits****Organizational Behaviour GNS****3****Credits****Management Theories GNS****3****Credits**

Second Semester

MAC 908: Fundamentals of Speech Communication Education

3

Credits

This introduces students to different forms of oral communication. It covers skills and basic techniques of speech communication with emphasis on phonetics and drills of voice speech: the mechanism of speech and hearing: elements of speech communication as well as planning and presenting oral communication. A thorough examination of skills development in oral presentation. Attention is directed at intonation, rhyme, pronunciation, phraseology and emphasis on speech. Focus is on the practical application of the theory already learnt.

MAC 909: Editing Graphics of Communication Education

3

Credits Students are taught how to write and write and edit copy in style appropriate to the news media. Emphasis is placed on the preparation of articles and photographs in phone editing for newspaper publication. Editing symbols and proof-reader's symbols will be used in this case.

MAC 910: Information and Communication Technology Education

3

Credits

ICT is modern form of communication which encompasses the use of modern equipment and processing techniques to achieve faster, easier, high quality insight and sound. The course covers practical aspects of the internet and allied. Perspectives, history, how it works, benefits and; problems. Computer literacy/computer assisted programmes. Development of information technology, (GSM) Communication Satellite, Direct Broadcast Satellite, Teleconferencing, paging system. It includes 30 minutes practical up to five times in a semester per student.

MAC 911: Radio and Television Programmes Education

3

Credits

Writing and Production

Comprehensive analysis of the writing process as it pertains to evaluation of radio -scripts and production of talks, interviews, jingles, discussions and magazine programmes. Intense writing exercise.

MAC 912: Creative Advertising Strategies and Tactics Education

3

Credits

Theory and practice of writing effective advertising message, for print and broadcast media. The creative application of consumer and market surveys, copy testing methods, advertising readership studies.

Third Semester

MAC 913: Announcing and Performance Education 3

Credits

Fundamentals of voicing and the neuter of speech will be discussed: performance techniques, with regard to the microphone and the camera; as well as performance types: the actor, the straight announcer, the disc jacket, the news reporter the interviewer, will be reviewed and their various roles will be discussed.

MAC 914: Introduction to Book Publishing 3

Credits

The course conducts an examination of book publishing as a cultural activity and as a business and examines the environment of book publishing. Book publishing as a mass industry, divisions in the industry. The publishing process, type setting methods. Planning the layout, designing the form and size of a book, are fully discussed.

MAC 915: International Communication 3

Credits

This course is an overview of the world's press systems. The focus will be on the unidirectional flow of information between the industrialized and Third World Nations; how ideology, culture, economy, economy and international market structure and contribute either in hindering or advancing international flow of news among nations. The scope characteristics, peculiarities and current issues in international communication will be exhaustively treated so as to acquaint students with. A thorough knowledge of the politics and manipulative nature of international communication.

EDU 916 – Philosophy of Language Education 3

Credits

EDU 917 – Sociology of Language Education 3

Credits		
EDU 918 – Basic Research in Education	3	
Credits		
CFA 919 – Choreography and the Moving Images		3
Credits		
CFA 920 – Contemporary Critical and Cultural Theory	3	
Credits		
Fourth Semester		
EDU 921 - Educational Technology		3
Credits		
CFA 922- Advertising Layout and Design	3	
Credits		
CFA 923– Social and Political Images in the Arts		3
Credits		
CFA 924 – Cultural Leadership	3	
Credits		
CFA 925 – Practices of Research in Art, Design and Education		3
Credits		
EDU 926 – Application of Management Information System in Education		3
Credits		
Fifth Semester		
CFA 927 – Critical Issues and Practice in Visual Arts Education		3
Credits		
CFA 927 – Art and Design History in Art Education		3
Credits		
CFA 928 - Theoretical Framework in Visual Art Education		3
Credits		
EDU 929 – Advance Research Methods in Education	3	
Credits		
CFA 930 – Curriculum in Art, Design and Education		3
Credits		
CFA 931 – Applying the Conceptual Framework in the Art Museum		3
Credits		
Sixth Semester		
EDU 932 – Seminar I		
EDU 932 – Seminar II		
EDU 932 – Thesis		

3.5 Ph.D Art Education

First Semester

MAC 901 Basic Mass Communications Skills I & II 3

Credits

Explores basic concepts in communication as they relate to listening reading and written, communication Examines information gathering and processing from the standpoint of listeners, readers, speakers and writers success or failure in developing receptive and expressive communication skills for use in instructional communication.

MAC 902: African Communication System Education 3

Credits

The course examines Africa's oral traditional communication structure, form and content. It surveys the past and present modern mass media systems as influenced by African political culture.

MAC 903: Introduction to Advertising Education 3

Credits

A general review of the fundamental principles and tenets of the advertising discipline.

MAC 903: News Writing and Reporting 3

Credits

This is a practical course designed to enable students become proficient in preparing publishable copy under deadline. Students are assigned beats, to develop stories for publication and are encouraged to submit outstanding articles to the metropolitan news media for publication.

MAC 904: Introduction to Film, Cinema & literature Education 3

Credits

A review of notable creative pioneers: the evolution of film as a distinct art form and as a medium of communication as well as the kind of film documentary (non-fiction) and avantt-garde-the role of cinema in urban and rural communication.

MAC 905: Theories of Mass Communication Education 3

Credits

This course examines the major theories of mass communication. It analyses the processes of communication paying particular attention to the production of

messages, their distribution, gate keeping, characteristics and constraints of the media channels in the communication process and issues relating to audiences function. Consideration is given to the development of mass communication theory as a body of ideas, the political economy of mass communication and contemporary perspectives, cultural issues and structural analysis.

MAC 906: Principles of Public Relations Education 3

Credits

The concepts theories and practices of public relations and public affairs; the importance of public relations in both profit and non-profit organization are examined.

MAC 907: Basic Techniques for Radio and Television Production Education 3

Credits

An introductory course that emphasizes the basic techniques in Radio and Television production will be given. The work covers the type of audio and video production skills requirement. This course introduces students to the basic skills in production of news and other programmes in the electronic media: attention will be given to the use of equipment for the radio and television writing.

Second Semester

MAC 908: Fundamentals of Speech Communication Education 3

Credits

This introduces students to different forms of oral communication. It covers skills and basic techniques of speech communication with emphasis on phonetics and drills of voice speech: the mechanism of speech and hearing: elements of speech communication as well as planning and presenting oral communication. A thorough examination of skills development in oral presentation. Attention is directed at intonation, rhyme, pronunciation, phraseology and emphasis on speech. Focus is on the practical application of the theory already learnt.

MAC 909: Editing Graphics of Communication Education 3

Credits

Students are taught how to write and write and edit copy in style appropriate to the news media. Emphasis is placed on the preparation of articles and photographs in phone editing for newspaper publication. Editing symbols and proof-reader's symbols will be used in this case.

MAC 910: Information and Communication Technology Education 3

Credits

ICT is modern form of communication which encompasses the use of modern equipment and processing techniques to achieve faster, easier, high quality insight and sound. The course covers practical aspects of the internet and allied. Perspectives, history, how it works, benefits and; problems. Computer literacy/computer assisted programmes. Development of information technology, (GSM) Communication Satellite, Direct Broadcast Satellite, Teleconferencing, paging system. It includes 30 minutes practical up to five times in a semester per student.

MAC 911: Radio and Television Programmes Education 3

Credits

Writing and Production

Comprehensive analysis of the writing process as it pertains to evaluation of radio -scripts and production of talks, interviews, jingles, discussions and magazine programmes. Intense writing exercise.

MAC 912: Creative Advertising Strategies and Tactics Education 3

Credits

Theory and practice of writing effective advertising message, for print and broadcast media. The creative application of consumer and market surveys, copy testing methods, advertising readership studies.

Third Semester

MAC 913: Announcing and Performance Education 3

Credits

Fundamentals of voicing and the neuter of speech will be discussed: performance techniques, with regard to the microphone and the camera; as well as

performance types: the actor, the straight announcer, the disc jacket, the news reporter the interviewer, will be reviewed and their various roles will be discussed.

MAC 914: Introduction to Book Publishing **3**

Credits

The course conducts an examination of book publishing as a cultural activity and as a business and examines the environment of book publishing. Book publishing as a mass industry, divisions in the industry. The publishing process, type setting methods. Planning the layout, designing the form and size of a book, are fully discussed.

MAC 915: International Communication **3**

Credits

This course is an overview of the world's press systems. The focus will be on the unidirectional flow of information between the industrialized and Third World Nations; how ideology, culture, economy, economy and international market structure and contribute either in hindering or advancing international flow of news among nations. The scope characteristics, peculiarities and current issues in international communication will be exhaustively treated so as to acquaint students with. A thorough knowledge of the politics and manipulative nature of international communication.

EDU 916 – Philosophy of Education 3

Credits

EDU 917 – Sociology of Education 3

Credits

EDU 918 – Basic Research in Education 3

Credits

CFA 919 – Choreography and the Moving Images 3

Credits

CFA 920 – Contemporary Critical and Cultural Theory 3

Credits

Fourth Semester

EDU 921 - Educational Technology 3

Credits	
CFA 922- Advertising Layout and Design	3
Credits	
CFA 923– Social and Political Images in the Arts	3
Credits	
CFA 924 – Cultural Leadership	3
Credits	
CFA 925 – Practices of Research in Art, Design and Education	3
Credits	
EDU 926 – Application of Management Information System in Education	3
Credits	
Fifth Semester	
CFA 927 – Critical Issues and Practice in Visual Arts Education	3
Credits	
CFA 927 – Art and Design History in Art Education	3
Credits	
CFA 928 - Theoretical Framework in Visual Art Education	3
Credits	
EDU 929 – Advance Research Methods in Education	3
Credits	
CFA 930 – Curriculum in Art, Design and Education	3
Credits	
CFA 931 – Applying the Conceptual Framework in the Art Museum	3
Credits	
Sixth Semester	
EDU 932 – Seminar I	
EDU 932 – Seminar II	
EDU 932 – Thesis	
3.6 Ph.D in Curriculum and Instruction	
First Semester	

- 901 Peoples and Cultures of Africa. 3**
- Credits**
- Includes; Native peoples and cultures with their changes and status under European domination and since independence.
- 902 The Origins of Civilisation. 3**
- Credits**
- Includes; A global archaeological survey of the origins of pristine civilizations beginning with the development of food production and ending with the emergence of the world's first civilization. Focus of attention Near East, Egypt.
- 903 Ecological Anthropology. 3**
- Credits**
- The comparative study of human population in ecosystems. Relations between culture and the bio-physical environment; with the focus on cultural adaptation. Implications for anthropological theory, sociocultural evolution and contemporary problems.
- 904 Principles of Macroeconomics. 3**
- Credits**
- Includes; Macroeconomic measurement and models of aggregate demand and supply; fiscal and monetary policy for unemployment, inflation, and growth.
- 905 Survey of International Economics 3**
- Credits**
- Includes; Contemporary theory of international trade and finance applied to current economic events.
- 906 Epistemology. 3**
- Credits**
- Includes; Contemporary theory of epistemology, methodology in developed and applied to current problems in international studies.
- 907 International Comparisons in Religion – Inter faith comparison. 3**
- Credits**
- Includes; Comparisons of selected West Europeans countries, Japan, and the

U.S.S.R. with the United States, in terms of structures of management and labour force within individual relations and methods of operations of the bodies in these different countries.

General Course

Organizational Behaviour

Theory of Management

Research Methodology

Second Semester

908 Culture and Environment. 3

Credits

Includes; Geographic approaches to culture – nature relationships, including human perception of, use of, and adaptation to the physical environment, with emphasis on traditional subsistence systems; selected topics from contemporary and historical sources.

909 The Crusades: Christianity and Islam. 3

Credits

Includes; an examination of the Crusades from both Christian and Islamic perspectives; the historical, social, and religious, context and significance of the Crusades for both Christian and Muslims.

910 Contemporary Societies. 3

Credits

Includes; Imperialism and national liberation from the Cold War to the present: the impact of the world market and the strategy of containment on several developing societies; a comparison of revolutionary movements in selected Western and non-Western countries.

911 The growth and Development of Nations in the Global Economy. 3

Credits

Includes; This course explores the roles of markets, states, and civil institutions, using economic theory, computer simulations, and historical experience to better understand the forces that shape the wealth and well-being of nations and people around the world.

912 Global Security. 3

Credits

Includes; Treatment of topics in global security. Can be repeated by students but not with the same content.

913 Introduction to Comparative Politics. 3

Credits

Includes; Political institutions of major foreign nations stressing comparison of basic principles and techniques with those of the United States.

Third Semester

EDU 913 – Philosophy of Education 3

Credits

EDU 914 – Sociology of Education 3

Credits

EDU 915 – Basic Research in Education 3

Credits

EDU 916 – Manpower Planning and administration in Education 3

Credits

EDU 917 – Instructional Assessment and Decision Making 3

Credits

Fourth Semester

EDU 918 - Educational Technology 3

Credits

EDU 920 – Historical and Contemporary Issues in Curriculum and Instruction 3

Credits

ISS 921 – Islamic Philosophy 3

Credits

ISS 922 – Islamic Studies and Orientalism 3

Credits

EDU 923 – Curriculum Design and Development 3

Credits

EDU 924 – Practicum in Curriculum and Instruction 3

Credits	
ISS 925 – Exegesis of the Quran	3
Credits	
1SS 926 – Textual Studies of the Hadith	3
Credits	
Fifth Semester	
EDU 927 – Advance Curriculum Theory	3
Credits	
EDU 928 – Application of Management Information System in Education	3
Credits	
EDU 929 – Educational Policy Analysis	3
Credits	
EDU 930 – Advance Research Methods in Education	3
Credits	
Sixth Semester	
EDU 931 – Seminar I	
EDU 931 – Seminar II	
EDU 931 – Seminar III	
EDU 931 – Thesis	

3.7 Ph.D Guidance and Counselling

First Semester

901 Peoples and Cultures of Africa. 3

Credits

Includes; Native peoples and cultures with their changes and status under European domination and since independence.

902 The Origins of Civilisation. 3

Credits

Includes; A global archaeological survey of the origins of pristine civilizations

beginning with the development of food production and ending with the emergence of the world's first civilization. Focus of attention Near East, Egypt.

903 Ecological Anthropology. 3

Credits

The comparative study of human population in ecosystems. Relations between culture and the bio-physical environment; with the focus on cultural adaptation. Implications for anthropological theory, sociocultural evolution and contemporary problems.

904 Principles of Macroeconomics. 3

Credits

Includes; Macroeconomic measurement and models of aggregate demand and supply; fiscal and monetary policy for unemployment, inflation, and growth.

905 Survey of International Economics. 3

Credits

Includes; Contemporary theory of international trade and finance applied to current economic events.

906 Epistemology. 3

Credits

Includes; Contemporary theory of epistemology, methodology in developed and applied to current problems in international studies.

907 International Comparisons in Religion – Inter Faith Comparison. 3

Credits

Includes; Comparisons of selected West Europeans countries, Japan, and the U.S.S.R. with the United States, in terms of structures of management and labour force within individual relations and methods of operations of the bodies in these different countries.

908 Philosophy of Education 3

Credits

909 Organizational Behaviour 3

Credits

910 Research Methodology 3

Credits

Second Semester

EDU 912 – Sociology of Education 3

Credits

EDU 913 – Basic Research in Education 3

Credits

EGC 914 – Psycho – Educational Developments 3

Credits

EGC 915 – Organization and Administration of School Counselling Services 3

Credits

EDU 916 – Instructional Assessment and Decision Making 3

Credits

PSY 917- Psychology of Learning 3

Credits

EGC 918 – Organization of School Health Programmes 3

Credits

EGC 919 – Introduction to Biostatistics 3

Credits

EGC 920 – Marital and Family Counselling 3

Credits

EGC 921 – Group Counselling and Leadership Skills 3

Credits

Third Semester

EDU 922 – Application of Management Information system in Education 3

Credits

PSY 923 – Advance Psychology of Learning 3

Credits

PSY 924 – Instructional Task Analysis and Psychological Basis 3

Credits

EGC 925 – Family Life and HIV Education 3

Credits

EGC 926 – Assessment Techniques Used in Counselling 3

Credits

Fourth Semester

EDU 927 – Advance Research Methods in Education 3

Credits

EGC 928 – Clinical Supervision Theory and Techniques 3

Credits

EGC 929 - Practicum and Clinical Attachment 3

Credits

EDU 930 Counselling 3

Credits

EDU 931 Guidance 3

Credits

Fifth Semester

EDU 932 – Seminar I

EDU 933 – Seminar II

Sixth Semester

EDU 934 – Thesis

3.8 Ph.D inPhilosophy

914 Peoples and Cultures of Africa. 3

Credits

Includes; Native peoples and cultures with their changes and status under European domination and since independence.

915 The Origins of Civilisation. 3

Credits

Includes; A global archaeological survey of the origins of pristine civilizations beginning with the development of food production and ending with the emergence of the world's first civilization. Focus of attention Near East, Egypt.

916 Ecological Anthropology. 3

Credits

The comparative study of human population in ecosystems. Relations between culture and the bio-physical environment; with the focus on cultural adaptation. Implications for anthropological theory, sociocultural evolution and contemporary problems.

917 Principles of Macroeconomics. 3

Credits

Includes; Macroeconomic measurement and models of aggregate demand and supply; fiscal and monetary policy for unemployment, inflation, and growth.

918 Survey of International Economics. 3

Credits

Includes; Contemporary theory of international trade and finance applied to current economic events.

919 Epistemology. 3

Credits

Includes; Contemporary theory of epistemology, methodology in developed and applied to current problems in international studies.

920 International Comparisons in Religion – Inter faith comparison. 3

Credits

Includes; Comparisons of selected West Europeans countries, Japan, and the U.S.S.R. with the United States, in terms of structures of management and labour force within individual relations and methods of operations of the bodies in these different countries.

General Course

Organizational Behaviour 3

Credits

Theory of Management 3

Credits

Operation Management 3

Credits

Research Methodology 3

Credits

International Business 3

Credits

908 Culture and Environment. 3

Credits

Includes; Geographic approaches to culture – nature relationships, including human perception of, use of, and adaptation to the physical environment, with emphasis on traditional subsistence systems; selected topics from contemporary

and historical sources.

921 The Crusades: Christianity and Islam. 3

Credits

Includes; an examination of the Crusades from both Christian and Islamic perspectives; the historical, social, and religious, context and significance of the Crusades for both Christian and Muslims.

922 Contemporary Societies. 3

Credits

Includes; Imperialism and national liberation from the Cold War to the present: the impact of the world market and the strategy of containment on several developing societies; a comparison of revolutionary movements in selected Western and non-Western countries.

923 The growth and Development of Nations in the Global Economy. 3

Credits

Includes; This course explores the roles of markets, states, and civil institutions, using economic theory, computer simulations, and historical experience to better understand the forces that shape the wealth and well-being of nations and people around the world.

924 Global Security. 3

Credits

Includes; Treatment of topics in global security. Can be repeated by students but not with the same content.

925 Introduction to Comparative Politics. 3

Credits

Includes; Political institutions of major foreign nations stressing comparison of basic principles and techniques with those of the United States.

913 Methods of Sociological Inquiry 3

Credits

Includes scientific methods and their application in the analysis of society; procedures in testing sociological theory: problem definition, hypothesis

construction, collection and evaluation of data.

914 Design and Analysis of Social Research 3

Credits

Includes logic of social inquiry, operationalization of social theory, procedures for gathering and organizing data, hypothesis testing, analysis of data, and techniques for generalizing from samples to populations.

915 Statistical Analysis of Social Research 3

Credits

Includes statistics integrated with the methods of sociological inquiry. Probability theory and statistical inference, and other statistical analytical techniques.

916 Brew : This includes detailed description of Hebrew language and Interpretation

917 Process of Deviant Behaviour 3

Credits

Includes factors and conditions which underlie disagreement about fundamental values; their relation to personal and social maladjustment; evaluation of various theories; deviant behaviour in different societies, group approaches to social reintegration.

918 The Social Problems of Aging and Old Age 3

Credits

Includes comparison of aging and the role of old people in various societies; age-grading and age – norms; the changing life cycle; factors that account for the changed position of the aging our society; problems of the aged and proposed solutions.

919 Criminology 3

Credits

Includes definition and measurement of crime. Social psychological explanations of individual criminal acts: social – structural theories of criminal law and crime rates. Behaviour systems and types of criminal behaviour such as organized crime and white collar crime. Theories of treatment and control, correctional methods,

and the administration of justice.

920 Correction and the Control of Crime 3

Credits

Includes operation of correctional agencies in the United States as part of the criminal justice system. Examination of their impact on recidivism. Review and critical assessment of past and present efforts in crime control, with implications for future policies.

921 Juvenile Delinquency 3

Credits

Includes concepts of childhood and delinquency. Measurement of delinquent behaviour. Application of competing theories to relationships within the family, school, and peer group. Evaluation of programmes for treatment, prevention, and control.

922 Feminism and Sociological Theory 3

Credits

Includes reviews of the ways that feminist critiques have reshaped social theory since 1960. It examines the ways that feminist theorists have reconceptualised classical sociological problems and how this has influenced the ways research is conducted.

923 Introduction to the Bible 3

Credits

Includes an investigation into the social historical, psychological, biological context of the construction of the Bible.

924 Medieval Philosophy 3

Credits

Includes concepts of Medieval Philosophy

925 Introductory Social Psychology 3

Credits

Includes the individual in a social context, including motivation, attitudes, conformity, communication and leadership.

926 Philosophical Anthropology 3

Credits

Includes cultural, social, and social philological factors in processes, distribution, social definitions of values.

927 Theodicy 3

Credits

Includes Theodicy perspectives

928 Ancient Philosophy 3

Credits

Includes focus on the systematic observation and analysis of face to face interaction. Sociological approaches to naturally occurring interaction i. e human talk and behaviour that has been observed, audio recorded, or video recorded – will be explored. The approaches include ethnomethodology, conversational analysis, and Goffman Ian sociology.

929 Philosophy of Language 3

Credits

Includes communication processes, agencies of mass influences; analysis of symbolic processes, public and audiences; censorship and propaganda, their personnel and strategies.

930 Philosophy of Arts and Aesthetics 3

Credits

Includes important factors in social behaviour, roles multiple group membership, cognitive processes, motivation, aggression, social prejudice.

931 Personality and Social Structure 3

Credits

Includes critical analysis of current theory and research bearing on the relations between personality and various aspects of social structure.

932 Philosophy and Theories of Development 3

Credits Includes theory and application of social psychological processes, including personality, attitudes, values and elements of social structure as they influence individual and collective use of natural resources.

933 Empiricism and Pragmatism 3

Credits

934 **Introductory to Survey Research** **3**

Includes theory and practice of survey research; planning, sampling, questionnaire construction, interviewing, content analysis, machine tabulation, analysis of data.

935 Ethnomethodology 3

Includes the study of how people, in their everyday lives, assign sense to the world and thereby assemble society's prominent features. Examination of controversial and other interactive practices.

936 Phenomenology and Existentialism 3

Includes application of sociological theory and research for wildlife policy and management, including the social psychology of human attitudes and behaviours towards wildlife, social problems created by wildlife, social issues in wildlife management, and institutions which shape wildlife policy.

937	Philosophy of Science	3
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Includes the consideration of strategies of change and their consequences at the individual, community and national levels.

938 Sociology Perspectives on the Life Course 3

Includes age as a basis of societal differentiation in modern and pre-modern societies; social psychological, demographic, sociological, socioeconomic and socio-historical views of age-graded events and behaviours. Examination of the life course and aging as sociological variables.

939 Agriculture, Technology, and Society 3

Includes interaction between agricultural technologies and the social, political, economic and environmental contexts in which production takes places. Issues

such as agricultural sustainability, the social impacts of biotechnology, and technology development in both advanced industrial nations and developing countries.

940 Sociology of Culture 3

Credits

Includes relations between culture and society, sources of cultural and personality factors influencing community development, with reference to developing countries as well as contemporary rural communities.

941 Sociology of Religion 3

Credits

Includes functions of religion in society, religious and societal variation; interrelations between religion and social structure, economic development and character; the nature of religious movements.

942 Community Development 3

Credits

Includes social, cultural and personality factors influencing community development, with reference to developing countries as well as contemporary rural communities; consideration of theoretical and operational issues.

943 Class, State and Ideology: an Introduction to Marxist Social Science 3

Credits

Includes core theoretical problems and themes of contemporary Marxist social science, focusing on the theory of history, classes, the state and ideology.

944 Gender Society and Politics 3

Credits

Includes examines the relationship between the social structures of gender (e.g. the domestic division of labour, sex – segregated occupational structures, gender ideologies, the social organization of sexuality) political institutions, political activities and state policies.

945 Political Sociology 3

Credits

Includes political processes in small groups, organizations, institutions, communities, and societies. Comparative studies of voting behaviour, leadership, political parties, public opinion and social movements in relation to social structure.

946 Sociology of the Family**3****Credits**

Includes as a social institution; its place in different cultures and social strata; the impact of industrialization and urbanization on family life; family functions; the family in transition.

947 Philosophy of Law**3****Credits**

Includes theory and research on the social origins, processes and effects of law; examination of law – related behaviour, legal institutions, law and social structure, and law and social change; linkage to contemporary theoretical and political debates.

948 Sociology of Occupations and Professions**3****Credits**

Includes occupational differentiation of the labour force; variations in power and prestige of occupational and professional groups; recruitment to occupations, roles; professionalization processes.

949 Race and Ethnic Relations**3****Credits**

Includes institutional, ecological, demographic, and social psychological aspects in the United States and elsewhere.

950 Sociology of Education**3****Credits**

Includes educational institutions as social systems, role relationships, community contexts; relevant values and ideals, stratification, mobility, and recruitment to varied educational organizations, comparative educational systems.

951 Sociology of Agriculture**3**

Credits

Includes introduction to sociology of agriculture in advanced industrial – capitalist societies, including theoretical, historical and empirical issues of Agriculture.

American National Security: Policy and Process. 3

Credits

Includes; Policy – orientated course covering defence, domestic politics, defence economics, alliances, and arms control in the context of American national security in the post-World – War II era.

952 International Court of Justices 3

Credits

Includes history, organization, procedures and functions.

953 The U.N. 3

Credits

Includes origins, organs and their functions, membership and how it works.

954 World War I 3

Credits

Includes cause, course and consequences.

955 World War II 3

Credits

Includes cause, course and consequences.

Fifth Semester

First Seminar

Second Seminar

Third Seminar

Sixth Semester

Proposal Defence

Internal Defence

External Defence

3.9 Ph.D Mathematics Education**First Semester**

956 Principles Mathematics Education and Statistics 3

Credits

Includes scientific methods in collecting, reporting and interpreting information; inferences and decisions in the elements of probability; random variables; binomial and normal probability distributions; point and interval estimation of means and proportion; tests of statistical hypotheses; estimation of variances.

901 Introduction to Mathematical Statistics 3

Credits

Includes element of probability, important discrete distributions, acceptance sampling by attributes, sample characteristics, probability distributions and population characteristics, the normal distribution, acceptance sampling plans based on sample means and variances, sampling from the normal, the central limit theorem, point and interval estimation.. Includes tests of hypotheses, control charts, goodness of fit tests; order statistics and nonparametric tests; regression theory, analysis of variance.

902 Applied Regression Analysis 3

Credits

Includes an introduction to regression with emphasis on the practical rather than the theoretical aspects. Begins with fitting a straight line, converts this problem into matrix terms and then proceeds to fitting and evaluation of general linear models.

903 Introduction to Time Series 3

Credits

Includes autocorrelation, elements of spectral analysis; dynamic models; autoregressive and moving average models; identification and fitting; forecasting; seasonal adjustment; applications in the social sciences and environmental studies.

904 Introductory Nonparametric Statistics 3

Credits

Includes distribution free statistical procedures or methods valid under non-restrictive assumptions: basic tools; counting methods; order statistics, ranks; distribution free tests and associated interval and point estimators; sign test;

signed rank tests; rank tests; Mann Whitney Wilcoxon procedures; Kolmogorov Smirnov tests; permutation methods; methods for discrete data with zeros and ties; computer techniques and programs; discussion and comparison with parametric methods.

905 Numerical Solutions of Algebraic 3

Credits

Includes the courses will provide students in the life sciences with an introduction to modern Algebraic practice. Topics include: exploratory data analysis, probability and random variables; one-sample testing and confidence intervals, role of assumptions, sample size determination, two-sample inference; basic ideas in experimental design, analysis of variance, linear regression, goodness-of fit; biological applications.

906 An Introduction to sample Survey Theory & Methods 3

Credits

Includes Elementary development of the statistical theory used to design and analyze the results from sample surveys.

907 Applied Categorical Data Analysis 3

Credits

Includes methods of analyzing multidimensional contingency tables, emphasis on practical applications. The use of computing packages for analysis of such data. Model selection, testing goodness of fit, estimation of parameters, measures of association and methods of detecting sources of significance.

Second Semester

908 Numerical Solutions of Equation and Experimental Design for Engineers 3

Credits. Includes concepts of randomization, blocking, confounding, transformations, replication; block designs, factorial and fractional methodology, evolutionary operation, and response – surface methodology.

909 Reliability 3

Credits

Includes engineering reliability, analysis of failure data, estimates of hazard rates and failure distributions for the reliability of components and/or systems,

acceptance sampling plans for quality control.

910 Introduction to Theory of Probability 3

Credits

Includes probability in discrete sample space; combinatorial analysis; conditional probabilities, stochastic independence, Laplace limit theorem, Poisson distribution, laws of large numbers, random variables, central limit theorem, applications.

911 Research Methodology 3

Credits

912 Practice of Management 3

Credits

913 Operation Management 3

Credits

914 Introduction to Combinations 3

Credits

Includes problems of enumeration, distribution, and arrangement. Inclusion-exclusion principle. Generating functions and linear recurrence relations. Combinatorial identities. Graph colouring problems. Finite designs. Systems of distinct representatives and matching problems in graphs. Potential applications in the social, biological, and physical sciences. Puzzles. Problem solving.

Third Semester

916 Linear Programming Methods 3

Credits

Includes real linear algebra over polyhedral cones; theorems of the alternative for matrices. Formulation of linear programs. Duality theory and solvability. The simplex method and related methods for efficient computer solution. Perturbation and sensitivity analysis. Applications and extensions, such as game theory, linear economic models, and quadratic programming.

917 Introduction to Biostatistics 3

Credits

Includes Course designed for the biomedical researcher. Topics includes: descriptive statistics, hypothesis testing, estimation, confidence intervals, t-tests,

chi-squared tests, analysis of variance, linear regression, correlation, nonparametric tests, survival analysis and odds ratio. Biomedical applications used for each topic.

917 Introduction to Clinical Trials 3

Credits

Includes Intended for biomedical researchers interested in the design and analysis of clinical trials. Topics include definition of hypotheses, measures of effectiveness, sample size, randomization, data collection and monitoring, and issues in statistical analysis. Statistics graduate students should take State.

918 Mathematical Methods for Bioscience 3

Credits

Includes Descriptive statistics, distributions, one- and two-sample normal inference, power, one-way Anova, simple linear regression, categorical data, non-parametric methods; underlying assumptions and diagnostic work.

919 Mathematical Statistical Methods for Bioscience II 3

Credits

Includes continuation of Forestry. Polynomial regression, multiple regressions, tow-way Anova with and without subtraction, split-plot design, subsampling, and analysis of covariance, elementary sampling, and introduction to bioassay.

920 Mathematical Statistics 3

Credits

Includes review of probability, random variables and vectors and their distributions, moments and inequalities, generating functions, transformations of random variables, sampling and distribution theory, convergence concepts for sequences of random variables, laws of large numbers, central limit and other limit theorems.

921 Introduction to Statistical Inference 3

Credits

Includes conditioning, distribution theory, approximation to distributions, modes of convergence, limit theorems, statistical models, parameter estimation, comparison of estimators, confidence sets, theory of hypothesis tests, introduction to Bayesian inference and nonparametric estimation.

Fourth Semester

922 Psychological basis for Sample Survey Theory and Method in Education 3 Credits

Includes simple random sampling; stratified random sampling; sub sampling with units of equal and unequal size; double sampling; multi-stage and multi-phase sampling; Bayesian and other approaches.

923 Introduction to Stochastic Processes 3 Credits

Includes classification, recurrence, transience, limit theory. Renewal theory, Markov processes, birth-death processes. Applications to queuing, branching, and other models in science, engineering and business. Topics drawn from semi-Markov processes, martingales, Brownian motion.

924 Statistical Methods for Clinical Trials 3 Credits

Includes Statistical issues in the design of clinical trials, basic survival analysis, data collection and sequential monitoring. Intended for statistics graduate students; those with medical backgrounds should take Stat 542.

925 Statistical Methods for Epidemiology 3 Credits

Includes methods for analysis of case-control, cross sectional, and cohort studies. Covers epidemiologic study design, measures of association, rates, classical contingency table methods, and logistic and Poisson regression.

926 Mathematical Curriculum Development and Coordinating Centre Methods 3 Cr
Includes practicum in the operation of a coordinating centre in a clinical trial or epidemiologic study. Covers organization, randomization, forms design and collection, quality control and other operational responsibilities of coordinating centres.

927 Methods of Sociological 3 Credits

Includes scientific methods and their application in the analysis of society;

procedures in testing sociological theory: problem definition, hypothesis construction, collection and evaluation of data.

928 Design and Analysis of Social Research 3

Credits

Includes logic of social inquiry, operationalization of social theory, procedures for gathering and organizing data, hypothesis testing, analysis of data, and techniques for generalizing from samples to populations.

929 Statistical Analysis of Social Research 3

Credits

Includes statistics integrated with the methods of sociological inquiry. Probability theory and statistical inference, and other statistical analytical techniques.

930 Statistics for Sociologists 3

Credits

Includes presentation of sociological data; descriptive statistics; probability theory and statistical inference; estimation and tests of hypotheses; contingency tables; lectures and lab.

Fifth Semester

931 Computing in Sociological Research 3

Credits

Includes the SAS system for statistical analysis and data processing. Also, the data in Unix operating system, the Emacs editor, filtering data in Unix, the SQL database language, and the graphical presentation of data.

932 20th Century Health Care and Bio-Medical Research in Europe 3

Credits

Includes comparative, historical analysis of the institutionalization of medical care and bio-medical research systems of Britain, France, Germany, Sweden and the U.S.A. during the twentieth century.

933 Process of Deviant Behaviour 3

Credits

Includes factors and conditions which underlie disagreement about fundamental values; their relation to personal and social maladjustment; evaluation of various

theories; deviant behaviour in different societies, group approaches to social reintegration.

934 The Social Problems of Aging and Old Age 3

Credits Includes comparison of aging and the role of old people in various societies; age-grading and age – norms; the changing life cycle; factors that account for the changed position of the aging our society; problems of the aged and proposed solutions.

935 Criminology 3

Credits

Includes definition and measurement of crime. Social psychological explanations of individual criminal acts: social – structural theories of criminal law and crime rates. Behaviour systems and types of criminal behaviour such as organized crime and white collar crime. Theories of treatment and control, correctional methods, and the administration of justice.

936 Correction and the Control of Crime 3

Credits

Includes operation of correctional agencies in the United States as part of the criminal justice system. Examination of their impact on recidivism. Review and critical assessment of past and present efforts in crime control, with implications for future policies.

Sixth Semester

Seminar 1, 2 AND 3

Thesis presentation

3.10 Doctor of Public Health (DrPH) Education

DrPH Competencies

- **Competency 1 (Communication):**
Demonstrate the ability to communicate effectively orally and in writing.
- **Competency 2 (Critical/Analytical Thinking):**
Demonstrate in-depth understanding of the core areas of public health practice, research, and theory.
- **Competency 3 (Education):**
Teach academic and professional audiences.

- **Competency 4 (Ethics):**
Demonstrate an in-depth understanding of the ethical basis for public health research and practice
- **Competency 5 (Leadership):**
Demonstrate a vision and philosophy for professional leadership in public health.
- **Competency 6 (Management):**
Demonstrate the knowledge necessary to strategically plan for and manage a public health organization or program.
- **Competency 7 (Public Health Practice/Community Orientation) :**
Demonstrate the ability to identify, assess, and improve significant public health problems/issues.
- **Competency 8 (Research):**
Analyze issues and problems in public health using critical evaluation, applied research methodology, and statistical methods.

1st Semester

Course code	Course Title	Credit Unit
DrPH 701	History & Overview of Public Health	5
DrPH 702	Primary Health Care- Principles & components	5
DrPH 703	Epidemiology 1 & 2- Principles , Methods & advanced concepts (statistical epidemiological methods)	5
DrPH 704	Preventive Medicine in Public Health Setting	5
DrPH 705	Public Speaking & Health Communication Skills	5
DrPH 706	Research Methodology- Experimental Trials & Advanced concepts	5
DrPH 707	Vaccines development, management & biotechnology	5
	Seminar 1 (Airborne, Waterborne & Contagious diseases)	3
	Term Paper Presentations	

2nd Semester

Course code	Course Title	Credit Unit
DrPH 708	Scientific Writing/Critiques & Medical Journalism	5
DrPH 709	Medical Statistics- Sample survey theory, methods, Stochastic & Markov Processes	5
DrPH 710	Advanced Research Ethics	5
DrPH 711	Health Policy Analysis	5

DrPH 712	Data management & Statistical inference	5
DrPH 713	Strategic Leadership & management	5
	Seminar 2 (HIV & AIDS; Tropical Medicine)	3
	Term Paper Presentations	

3rd Semester

Course Code	Course Title	Credit Unit
DrPH 801	Overview of Maternal & Child Health/Reproductive Health	5
DrPH 802	Health Care Financing	5
DrPH 803	Principles of Philosophy & Psychology	5
DrPH 804	Quality assurance management-Best Practices	5
DrPH 805	Principles of Financial Management- Accounting & Budgeting	5
DrPH 806	Minimum Service Package for Health Interventions in Developing Countries	5
	Seminar 3 (Reproductive Health- Women, Child & adolescent Health)	2
	Term paper Presentations	

4th Semester

Course code	Course Title	Credit Unit
DrPH 807	Disaster Management in Public Health	5
DrPH 808	Organizational Behaviour- Theories & Models	5
DrPH 809	Managing Non-Governmental Organizations in Health Sector	5
DrPH 810	Health Program Evaluation- M & E Fundamentals , Health Indicators	5
DrPH 811	Medical ecology & Occupational Health (Overview & Ergonomics, Legislation, Safety & hazard Prevention)	5
DrPH 812	International Health Care management & Global Health Challenges	5
	Seminar 4 (Health policing-Key Issues & Challenges)	2
	Term Paper Presentation	

5th Semester

Course code	Course Title	Credit Unit
DrPH 901	An Overview of National Health System	5
DrPH 902	Health Systems Strengthening & management capacity Building	5

DrPH 903	Healthcare marketing & Brand management	5
DrPH 904	Project Management- Project life cycle & Program implementation & monitoring	5
DrPH 905	Corporate Proposals & Grants Management systems	5
DrPH 906	Corporate Health Governance	5
DrPH 907	International Health Diplomacy	5
DrPH 908	Social & cultural impacts of Public Health	5
	Seminar 5 (Tropical Medicine & Emerging Diseases)	3
	Term Paper Presentation	

6th Semester

Thesis (8 credit units)

Seminar and Thesis Defence

SCHOOL OF ARTS, LETTERS AND HUMANITY

4.0 FACULTY OF ARTS PROGRAMMES

4.1 Master of Arts Degree Programme in Mass Communication.

First Semester

901 Introduction to Mass Communication 3

Credits

Includes familiarizes students with the field of Mass Communication, and performs an interdisciplinary examination of the scope, definitions, contents, types and structural patterns that have defined the modern world communication.

902 Mcquails Mass Communication Theory 3

Credits

Includes examination of the origins and development of the rise of Mass media. The course discusses what mass communication theories are, structures, contents, audiences and effects.

903 Visual Communication 3

Credits

Includes examining the phenomenon of general mass communication in the modern world. The class covers the concept of journalism, Public relations and Advertising, research and theory in the 20th and 21st centuries.

904 The Growth and Development of Nations in the Global Economy Communication 3

Credits

Includes the explores of roles of markets, states, and civil institutions, using economic theory, computer simulations, and historical experience to better understand the forces that shape the wealth and well – being of nations and people around the world.

905 Global Security 3

Credits

Includes treatment of topics in global security. Can be repeated by students but not with same content.

906 Weapons of Mass Distortion 3

Credits

Includes treatment in national, regional and international political economy weapons and policy studies.

907 Reporting for the Media 3

Credits Includes treatment of topics in MASS COMMUNICATION REPORTING in the age of globalization.

908 Semantics 3

Credits

Includes treatment of topics in general semantics and its overview.

809 Personal Communication Skills in Public Speaking Management. 3

Credits

Includes the manager's day, stress management, stress and the organization, time management, creativity and problem solving, models of individual decision making, power and leadership. Includes communications, listening, speaking, writing, delegation and motivation, conflict, bargaining, and negotiation.

909 Research Methodology

Second Semester

910 Technical Communication in the 21st Century 3cr. 3

Credits

911 Telecommunication Convergence 3cr. 3

Credits

912 Communication Skills 3

Credits

913 Theories of Human Communication 3

Credits

914 Advertising and Promotion 3

Credits

915 Elements of Journalism 3

Credits

916 Effective Public Speaking 3

Credits

917	Uses of English	3
	Credits	
918	Moral Education	3
	Credits	
919	Marketing Management	3
	Credits	
920	Electronic Media	3
	Credits	
921	Theory and Practice of Management	3
	Credits	
922	Development of Ancient and Medieval Western Political	3
	Credits	
	Includes basic political ideas in the classical and European tradition to Machiavelli, related to contemporary problems.	
923	The Challenge of Democratization	3
	Credits	
	Includes focusing on political philosophy and/or comparative institutions, cultures, economic systems and behaviour, the course explores debates over what democracy is, the dynamics of breakthroughs from authorization to democracy and the difficulties in consolidating fledgling democracies.	
924	Science and Government	3
	Credits	
	Includes the effect of science and technology on demands for decisions of public policy related to theory of the role of government.	
925	Marx, Nietzsche, and 20th Century Radicalism	3
	Credits	
	Includes the course will explore in depth Marxist and other radical critiques of liberal democracy and have been influential in the 20 th century.	
926	Western European Political Systems – Germany and related Countries	3
	Credits	
	Includes political and governmental structures of selected continental nations in terms of their respective backgrounds and conflicting ideologies.	

927 Electoral Systems and Representation 3

Credits

Includes the variety of institutions which are used to structure elections and representation around the world; voting rules, the structure of the legislature, cabinet formation, constitutional engineering and the art of political manipulation.

928 Mass Political Behaviour 3

Credits

Includes an empirical analysis of the role of mass publics in political life and the factors which determine the formation and expression of political beliefs and attitudes.

929 Political Communication 3

Credits

Includes the role of communication in American politics. Topics covered include the communication of politics (e.g. communication by politics elites, effects of mass media and interpersonal communication on political attitudes) as well as the politics of communications (regulation of political communication, policy issues etc.)

930 The Judicial Process 3

Credits

Includes analysis of the decision-making processes of judicial institutions and the behaviour of judges, litigant, lawyers, and other actors in judicial process. Strong emphasis on the relationship between judicial and other policy – making institutions and actors.

501 Development of Ancient and Medieval Western Political 3

Credits

Includes basic political ideas in the classical and European tradition to Machiavelli, related to contemporary problems.

505 The Challenge of Democratization 3

Credits Includes focusing on political philosophy and/or comparative institutions, cultures, economic systems and behaviour, the course explores debates over what democracy is, the dynamics of breakthroughs from authorization to democracy and the difficulties in consolidating fledgling democracies.

512 Science and Government

3

Credits

Includes the effect of science and technology on demands for decisions of public policy related to theory of the role of government.

513 Marx, Nietzsche, and 20th Century Radicalism

3

Credits

Includes the course will explore in depth Marxist and other radical critiques of liberal democracy and have been influential in the 20th century.

517 Feminist Political Theory

3

Credits

Includes 18th through 20th century feminist theory within the convention and discourse of traditional political theory, contemporary feminism from a theoretical point of view.

518 Conservative Political Thought

3

Credits

Includes conservation political thinking as well as the development of diverse and sometimes competing strains of conservation thought.

530 Ethics and Values in Policy Making

3

Credits

Includes the consideration of rival judgments about desirable public purposes and justification of policy decisions. Deliberation of principles and values that may be used in identifying public problems, defining the objectives and constraints of policy, and arguing for preferred solutions. Appraisal of the success or failure of policy, the use of norms and standards in assessing the consequences of public action.

544 Introduction to Survey Research

3

Credits

Includes theory and practice of survey research; planning, sampling, questionnaire construction, interviewing, content analysis, machine tabulations, analysis of data; two hours lecture; two hours lab or field work.

- 551 Quantitative Analysis of Political Data 3**
Credits
 Includes basic statistics course intended to provide students skills essential to read quantitative literature in political science and use basic empirical analysis. Fundamentals of probability theory and statistical inference up through variety regression and correlation.
- 617 Comparative Legal Institution 3**
Credits Includes a comparison of the role of law and legal institutions in the U.S. and other countries, with a focus on the state's use of law to achieve its political goals.
- 620 Western European Political Systems – Germany and Related Countries 3**
Credits Includes political and governmental structures of selected continental nations in terms of their respective backgrounds and conflicting ideologies.
- 622 European Politics 3**
Credits
 Includes the government and politics of European countries and the European Union.
- 640 Politics of Japan 3**
Credits
 Includes political institutions and behaviour in contemporary Japan. Social structure, values, and institutions as they have affected political development up to the present; the interaction of political culture, leadership, political parties, interest groups, ideology, and other forces in shaping political life in post-industrial Japan.
- 653 Politics of Developing Areas 3**
Credits
 Includes a comparative analysis of the problems confronting underdeveloped areas; emphasis on problems in the development of new institutions.
- 656 Electoral Systems and Representation 3**
Credits
 Includes the variety of institutions which are used to structure elections and

representation around the world; voting rules, the structure of the legislature, cabinet formation, constitutional engineering and the art of political manipulation.

659 Politics and Society: Contemporary Eastern Europe 3

Credits

Includes comparative analysis of the countries of contemporary Eastern Europe, including issues of democratization, economics transition, and social change, political crises and institutional adjustments; interactions between regimes and domestic social forces, prospect for future systemic change.

600 African Politics 3

Credits

Includes process of rapid political change in contemporary Africa with special emphasis on the emergence of new states.

771 Development Planning and Administration 3

Credits

Includes major development problems of less developed countries and areas. The scope, content, and preparation of economic development plans considered; organization of the planning function and the administration of the planning goals.

817 Empirical Methods of Political Inquiry 3

Credits

Includes preparation for critical reading of professional literature using empirical techniques and for research work in seminars. It is a prerequisite for some seminars.

819 Quantitative Methods for Public Policy 3

Credits

Includes a review of intermediated statistics and an introduction to analytical, quantitative and computer techniques applicable to the analysis of public policy.

820 Empirical Political Theory 3

Credits

Includes analysis of contemporary behavioural theories of politics which apply broadly across the sub-fields of political science in relation to analogous theories in other social science disciplines.

821 Mass Political Behaviour 3

Credits

Includes an empirical analysis of the role of mass publics in political life and the factors which determine the formation and expression of political beliefs and attitudes.

822 Political Psychology**3****Credits**

Includes the relationship between psychological processes and political thinking and behaviour. Topics may include the development and functioning of mass and elite level ideology and behaviour, political communication, decision –making, perception, and the impact of political experiences on psychological states and processes.

823 Politics and the Social Process**3****Credits**

Includes current sociological theories and problems that have direct relevance to the analysis of political systems, examination of the political process in the context of macro-social functioning and interchange between political system and the society of which it is a part.

824 Race and Political in the United States**3****Credits**

Includes analysis of the role of race, class and ethnicity in the political process. Evaluation of theories from political science, economics and sociology. Topics may include policy analysis, political organization, immigration, political behaviour and culture.

825 The Legislative Process**3****Credits**

Includes analysis of legislative process and the role of the political system, emphasizing current research.

829 Political Communication**3**

Credits Includes the role of communication in American politics. Topics covered include the communication of politics (e.g. communication by politics elites, effects of mass media and interpersonal communication on political attitudes) as well as the politics of communications (regulation of political communication,

policy issues etc.)

840 Political Economy 3

Credits

Includes theories of role of state in the economy. Political economic structures as constraints on and determinants of public policy and economic performance. Evaluation of the market and government as alternative mechanisms of social control in the U.S. and other nations. The political – business cycle and the relationship between democracy and economic performance in market systems.

850 Comparative Politics of Advanced Industrial Nation 3

Credits

Includes political behaviour and institutions in English-speaking industrial nations, Western Europe and Japan, emphasizing cross-national and topical case studies.

851 Soviet International Politics: Communism and the Nation-State 3

Credits

Includes the Soviet Union's interaction with major powers and its policy regarding the newly emerged nations. Relations within the Communist bloc and the Soviet Union's role as leader of the world Communist movement. The period since 1939 stressed. Students read and discuss scholarly analyses memoirs, and documents available in English.

852 Comparative Politics of Developing Nations 3

Credits

Includes political processes in the developing nations of Afro-Asia and Latin America with particular attention to nation – building and the formulation of cross-national comparisons.

857 International Relation Theories 3

Credits

Includes analysis of the major theories on the functioning of the international political system and the behaviour of nations within it.

861 Challenges of Democratization 3

Credits

Includes explores the problems of crafting democracies in the broadest comparative perspective to comprehend the benefit of democracy. Covers

democratic drafting in terms of centre/federalism, president/parliament, voting systems, party systems, civilian control of the military etc. as these relate to particulars of religion, region, language and other communalist identity.

863 The Judicial Process 3

Credits Includes analysis of the decision-making processes of judicial institutions and the behaviour of judges, litigant, lawyers, and other actors in judicial process. Strong emphasis on the relationship between judicial and other policy – making institutions and actors.

868 Rationale of Public Planning 3

Credits

Includes comparative analysis of the planning process in various institutions and organizations – governmental, industrial, welfare, military, etc, with attention (1) the degree to which planning is concentrated in specialized offices or other units; (2) their relationships to other parts of the organization; and (3) the underlying rationalize as to their responsibilities and limitations.

871 Public Programme Evaluation 3

Credits

Includes the conceptual, statistical, and ethical issues of experimental, quasi-experimental and non – experimental designs for programme evaluation. Definitions of outcomes, sample size issues, statistical biases in measuring causal effects of programmes, and the reliability of findings will be emphasized using case studies selected from current public programmes.

877 Comparative Public Administration 3

Credits

Includes analysis of the organization, staffing, and role of administrative systems in contrastive social cultural contexts.

878 Public Management 3

Credits

Includes role of administration in American government, problems of organization, bureaucracy administrative process.

881 American Political Development 3

Credits

Includes examination of critical transformation in the structure and activity of the U.S. National State; political model of economic development; periodization versus no periodization approaches; topics include liberalism and republicanism, southern exceptionalism, labour race, populism, war and state building; construction of the corporate economy.

885 Advanced Public Management 3

Credits

Includes how managers in public and not-for profit agencies can secure and utilize legal authority, human resources, and funds to accomplish organizational goals. Includes strategies for establishing effective maintenance.

Third Semester

1st Seminar Presentation

2nd Seminar Presentation

Fourth Semester

Internal Defence

External Defence

4.2 Doctor of Philosophy in Mass Communication

First Semester

MAC 901 Basic Mass Communications Skills I & II 3

Credits

Explores basic concepts in communication as they relate to listening reading and written, communication Examines information gathering and processing from the standpoint of listeners, readers, speakers and writers success or failure in developing receptive and expressive communication skills for use in instructional communication.

MAC 902: African Communication System 3

Credits

The course examines Africa's oral traditional communication structure, form and content. It surveys the past and present modern mass media systems as

influenced by African political culture.

MAC 903: Introduction to Advertising 3

Credits

A general review of the fundamental principles and tenets of the advertising discipline.

MAC 903: News Writing and Reporting 3

Credits

This is a practical course designed to enable students become proficient in preparing publishable copy under deadline. Students are assigned beats, to develop stories for publication and are encouraged to submit outstanding articles to the metropolitan news media for publication.

MAC 904: Introduction to Film, Cinema & Literature 3

Credits

A review of notable creative pioneers: the evolution of film as a distinct art form and as a medium of communication as well as the kind of film documentary (non-fiction) and avantt-garde-the role of cinema in urban and rural communication.

MAC 905 : Theories of Mass Communication 3

Credits

This course examines the major theories of mass communication. It analyses the processes of communication paying particular attention to the production of messages, their distribution, gate keeping, characteristics and constraints of the media channels in the communication process and issues relating to audiences function. Consideration is given to the development of mass communication theory as a body of ideas, the political economy of mass communication and contemporary perspectives, cultural issues and structural analysis.

MAC 906: Principles of Public Relations 3

Credits

The concepts theories and practices of public relations and public affairs; the importance of public relations in both profit and non-profit organization are examined.

MAC 907: Basic Techniques for Radio and Television Production 3

Credits

An introductory course that emphasizes the basic techniques in Radio and Television production will be given. The work covers the type of audio and video production skills requirement. This course introduces students to the basic skills in production of news and other programmes in the electronic media: attention will be given to the use of equipment for the radio and television writing.

GNS Organizational Behaviour 3

Credits

GNS Advanced English Language and Effective Communication 3

Credits

GNS Theory and Practice of Management 3

Credits

GNS Research Methodology 3

Credits

Second Semester

MAC 908: Fundamentals of Speech Communication 3

Credits

This introduces students to different forms of oral communication. It covers skills and basic techniques of speech communication with emphasis on phonetics and drills of voice speech: the mechanism of speech and hearing: elements of speech communication as well as planning and presenting oral communication. A thorough examination of skills development in oral presentation. Attention is directed at intonation, rhyme, pronunciation, phraseology and emphasis on speech. Focus is on the practical application of the theory already learnt.

MAC 909: Editing Graphics of Communication 3

Credits

Students are taught how to write and write and edit copy in style appropriate to the news media. Emphasis is placed on the preparation of articles and photographs in phone editing for newspaper publication. Editing symbols and proof-reader's symbols will be used in this case.

MAC 910: Information and Communication Technology**3****Credits**

ICT is modern form of communication which encompasses the use of modern equipment and processing techniques to achieve faster, easier, high quality insight and sound. The course covers practical aspects of the internet and allied. Perspectives, history, how it works, benefits and; problems. Computer literacy/computer assisted programmes. Development of information technology, (GSM) Communication Satellite, Direct Broadcast Satellite, Teleconferencing, paging system. It includes 30 minutes practical up to five times in a semester per student.

MAC 911: Radio and Television Programmes**Writing and Production**

Comprehensive analysis of the writing process as it pertains to evaluation of radio -scripts and production of talks, interviews, jingles, discussions and magazine programmes. Intense writing exercise.

MAC 912: Creative Advertising Strategies and Tactics**3****Credits**

Theory and practice of writing effective advertising message, for print and broadcast media. The creative application of consumer and market surveys, copy testing methods, advertising readership studies.

Third Semester**MAC 913: Announcing and Performance****3****Credits**

Fundamentals of voicing and the neuter of speech will be discussed: performance techniques, with regard to the microphone and the camera; as well as performance types: the actor, the straight announcer, the disc jacket, the news reporter the interviewer, will be reviewed and their various roles will be discussed.

MAC 914: Introduction to Book Publishing**3****Credits**

The course conducts an examination of book publishing as a cultural activity and as a business and examines the environment of book publishing. Book publishing

as a mass industry, divisions in the industry. The publishing process, type setting methods. Planning the layout, designing the form and size of a book, are fully discussed.

MAC 915: International Communication **3**

Credits This course is an overview of the world's press systems. The focus will be on the unidirectional flow of information between the industrialized and Third World Nations; how ideology, culture, economy, economy and international market structure and contribute either in hindering or advancing international flow of news among nations. The scope characteristics, peculiarities and current issues in international communication will be exhaustively treated so as to acquaint students with. A thorough knowledge of the politics and manipulative nature of international communication.

MAC 916: Advertising and Public Relations Research **3**

Credits

Covers the application of quantitative research methodologies in the context of public relations and advertising. Emphasis will be placed on elements of public relations and advertising.

MAC 917: Newspaper and Magazine Production **3**

Credits

This course provides an in-depth examination of the magazine from the craft of the writer to editing and production techniques. Attention is paid to magazine writing. Preparing queries and articles for submission, magazine planning, layout and production: magazine productions; the trade magazine of business and industries; graphic design problems such as story illustrations, copy layout and headlines; staffing and budgeting challenges.

MAC 918: Broadcast Management and Programming **3**

Credits

Analysis of the nature and process of management and organization generally with particular reference to type of broadcast organization and their settings.

Consideration of the primary of radio and television stations, networks, particularly programming and programmes, personnel and the skills required to manage them in the interest of society.

MAC 919: Mass Media and Society 3

Credits

This course will examine the media as social institutions with particular attention to pertinent sociological concepts, themes and problems, the role and relationship of the mass media vis-a-vis major social institutions. It will focus on the sociology and professionalism of mass media, dependency, internal dynamics and control of mass media organizations and politics of mass communication. The role of communication in development is also critically examined.

MAC 920: Public Affairs Broadcasting 3

Credits

The course focuses on examination of the structure, internal dynamics and functions of the new and current affairs departments of broadcast organizations. Interpretation reporting of government and public institutions and agencies and the production of current/public affairs discussions, news magazines and documentaries.

MAC 921: Rural Community Newspaper 3

Credits

Attention will be focus on writing, editing and publishing a weekly or regular newspaper for the rural community, small municipalities and urban neighbourhood. Content, analysis, readership, research, business and technology, management and market procedures.

MAC 922: Book Publishing and Management Assessment 3

Credits

A survey of the issues, problem prospects, processes involved in book publishing as well as problems involved by prospecting for authors, motivating them and working with them. Drawing up projects, finding writers of them. Screening and assisting authors. Critical assessment of manuscripts, appointing and working with members of the editorial board.

Fourth Semester

MAC 923: Economic and Social Issues in Advertising and Public Relations 3

Credits

Study of advertising and public relations as an institution, the law and ethics governing the professions 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.

MAC 924: Features and Editorial Writing

3

Credits

Writing, analysing and marketing factual articles for newspaper, general and specialized magazines. Subject research investigation of editorial needs ethical and legal problems and manuscript preparation. Intensive work in the theory and I practice of writing editorials and columns based on opinion with particular emphasis on analysis and interpretation of events.

MAC 925: Economic News Reporting

3

Credits

Much of what passes for economic news reporting in the Nigerian news media is written by economist for economists. The course aims at preparing students to write upon and analyze issues relating to economics for a mass audience. A basic course in economics is desirable but not essential. Students here will successful complete advanced reporting.

MAC 925: Photojournalism

3

Credits

A study of technical and aesthetic qualities of photographs and how these affect editorial decision concerning the use of pictures in publications. Particular work in layout and design other duties of newspaper or magazine picture editor and how pictures enhance news stories will be discussed.

MAC 926: Communication for Development

3

Credits

A critical assessment of the use of media in development plans. It examines the overview of significant perspectives, theories and practices of communication in national development from the Second World War to present time. Selected models are taken from communication and development campaigns in Asia, Latin America and Africa. An examination of communication development plans in Nigeria as well as emerging alternative strategies is undertaken.

MAC 927: Foreign Correspondence/Current Affairs**3****Credits**

The focus will be on international communication: the complexities of reporting issues, events, international figures, disasters, conflicts and other phenomenon as an international reporter. The ideologies, politics, social and diplomatic exigencies involved. Current issues about world politics, economy, technologies, culture, peace and news agencies will also be examined.

MAC 928: Precision/Scientific Journalism:**3****Credits**

The course introduces the student to the use of social scientific tools for data gathering and the application of finding to routine reportorial chores. At the end of the course, the student is able to present scientific data in normal reportorial style for the consumption of the ordinary members of the public.

MAC 929: Broadcast Commentary and Critical Writing**3****Credits**

Examination of the opinion, functions of journalism, and types of commentary programmes, with particular attention to the editorial and emphasis on the application of principles derived research. In persuasive communication and attitude change. Distinction between commentary and critical writing; types of criticism and art, review for radio and television.

Fifth Semester**MAC 930: Mass Media Law and Ethics****3****Credits**

A study of how the legal framework within mass media philosophy affects the mass media, the development and constitutional growth of freedom of expression in Nigeria, the privileges and restraints affecting the mass media, libel, sedition, privacy, contempt, obscenity, copyright and government regulations.

MAC 931: Documentary Film Production**3****Credits**

The course gives an overview of special problems involved in production of drama and documentary: for radio and television; blocking; casting; budgeting;

performance. It focuses on only drama or documentary for both radio and television; or both drama documentary for only radio or television.

MACK 932: Station Management and Operations 3

Credits

Analysis of the nature and process of management and organization generally, with particular reference to type of broadcasting and their settings is discussed. Consideration of the primary and particular daily operations of radio and television stations, networks, particularly programmes and personnel and the skills required to manage them in the interest of society are examined.

MAC 933: Newspaper and Magazine Management 3

Credits

This course teaches basic management and economic theory and application of theory to management process in the print media business.

Sixth semester

Seminar 1

Seminar 11

Seminar 111

Thesis Defence

4.3 Ph.D International Relations

1st Semester

901	Factors that Compel Nations to be Interdependent	3
902	The Articles of the Charter of the United Nations on Human Right	3
903	Functions of an Ambassador	3
904	Functions of the Organs of the United Nations Organization	3
905	Functions of the Commonwealth of Nations	3
906	International Public Policy & Management	3
907	Macroeconomic Policy & International Financial Regulation	3
908	Research Methodology	3
909	Organizational Behaviour	3
910	Theory and Practice of Management	3

2nd Semester

911	International Business & Government	3	
912	International Court of Justice	3	
913	Cause, Course & Consequences of World War 1&2		3
914	The Vietnam Wars	3	
915	African Democracy Compared to Other Democracies	3	
916	The Environment & Global Effects on its Destruction	3	
917	International Diplomacy	3	
918	International Law	3	
919	International Terrorism	3	

3rd Semester

920	From OAU to AU	3	
921	The British Empire	3	
922	English Composition Consult at least 10 Books on English Composition and summarize the common points they address		3
923	Moral Education: List 5 Obligations you have towards: (a) Yourself (b) Your Family (c) Your Neighbour (d) Your Employer (e) Your Employee (f) Your Village (g) Your Country (h) The World		
377	Africa: An Introductory Survey	3	
301	Principles of Macroeconomics	3	
364	Survey of International Economics		3

4th Semester

418	Peoples and Cultures of Africa	3	
419	The Origins of Civilization	3	
470	Ecological Anthropology	3	
464	International Trade and Finance	3	
467	International Comparisons – Industrial Firms and Individual Organization		3
452	Industrial Relations in Developing Countries		3
436	Culture and Environment	3	

408	The Crusades: Christianity and Islam		3
471	Contemporary Societies	3	

5th Semester

474	The growth and Development of Nations in the Global Economy		3
401	Global Security	3	
415	Business in Emerging Markets	3	
406	Introduction to Comparative Politics		3
412	Politics of the World	3	
437	International Institutions and World Order		3
460	African International Relations	3	
476	Analysis of International Relations		3
479	Globalization: On States, Societies, and the International System		3
441	American National Security: Policy and Process	3	

6th Semester

January	-	1 st Seminar
February	-	2 nd Seminar
March	-	Term Paper Presentation
April	-	3 rd Seminar
June	-	Thesis/Dissertation Defence

4.4 Ph.D Economics

First Semester

900	Introduction to Finance	3
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Credits

Includes concepts and techniques in corporate finance and investments. Topics include the financial environment, securities markets, financial markets, financial statements and analysis, working capital management, capital budgeting, cost of capital, dividend policy, asset valuation, investments, decision making under uncertainty, mergers options, and futures.

901	Intermediate Microeconomic Theory	3
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Credits

Includes contemporary theory of consumption, production, pricing and resource allocation.

902	Intermediate Macroeconomic Theory	3
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Credits

Principles and theories of national income determination, analysis of savings,

consumption, investment and other aggregates in the national and international economy and relation to employment, inflation and stabilization.

903 Development of Economic Thought 3

Credits

Includes development of economic thought from the middle ages to the present; emphasis on major schools of thought including classical, Marxian, Neo-classical, and Keynesian schools.

904 The Real Estate Process 3

Credits

Includes introductory survey course. Decision-making processes for the manufacture, marketing, management and financing of real estate space. Survey of institutional context, economics of urbanization, historical pattern and structure of city growth, and public policy issues regarding urban environment and business management.

905 Statistics: Measurement in Economics 3

Credits

Includes introduction to analysis of economic data. The techniques of descriptive statistics and statistical inference (Hypothesis testing and estimation) as directed toward application in economic research.

906 Intermediate Microeconomic Theory – Mathematical Treatment 3

Credits

Includes a mathematical approach to the theory of consumption, production, pricing and resource allocation.

907 Intermediate Macroeconomic Theory- Mathematical Treatment 3

Credits

Includes a mathematical approach to the principles and theories of national income determination, analysis of savings, consumption, investment and other aggregates in the national and international economy and relation to employment, inflation and stabilization.

908 Labour Problems 3

Credits

Includes problems of labour with special regard to the group organizations of

labour and management, their interrelations and relations to government.

909 Investments

3

Credits Includes principles, issues and methods relating to the management of investment portfolios; investment needs of small and institutional investors; investment risks associated with financial market conditions and business cycle fluctuations.

Second Semester

910 Public Utilities

3

Credits

Includes development of utilities in evolution of public utility concept and emerging role of regulation; regulatory and public policy issues with emphasis on the pricing utility services relation of environmental and conservation goals to economic objectives of public utility sector.

911 Money and Banking.

3

Credits

Includes monetary economics; the role of money in the determination of output, prices and interest rates commercial and central banking, monetary policy, the international monetary system.

912 Natural Resources Conservation and Economics.

3

Credits

Includes Economic principles underlying utilization and conservation of land and natural resources.

913 Environmental Economics.

3

Credits

Includes Microeconomic principles underlying the use of natural resources such as air, water, forests, fisheries, minerals and energy. These principles are applied in the examination of pollution control, preservation vs. development, deforestation, and other environmental issues.

- 914 Role of Government in the Economy. 3**
Credits
 Includes Government activities affecting context, emphasizing the structural factors responsible for patterns of inequality.
- 915 International Trade and Finance. 3**
Credits
 Includes contemporary theory of international trade and finance development and applied to current problems in international economic relations.
- 916 International Comparison Industrial Firms and Industrial Organizations. 3**
Credit
 Includes comparison of selected West European countries. Japan, and the U.S.S.R. with the United States, in terms of structures of management and labour force within individual companies and methods of operation of firms in these different countries; including labour relations, marketing, and finance.
- 917 Industrial Organization and imperfect Competition. 3**
Credits
 Includes an overview of the theory of industrial organization including the study of oligopolistic behaviour, monopolistic competition, product differentiation and the dynamic behaviour of competitive industries under uncertainty.
- 918 Economic Problems of Developing Areas. 3**
Credits
 Includes analyses aggregate growth, income distribution and poverty in power income economies. Uses microeconomics of imperfect labour, capital and insurance markets to explore why some individuals advance economies grow and others fall behind. Considers implications of aggregate and micro analysis for national and international economic policy.
- Third Semester**
- 919 Economics of Growth. 3**
Credits

Includes Theoretical analysis of issues in growth and development. Models will be motivated by country experience. Topics include: factors affecting saving, investment and cross-country differentials on per capital income; the role of government institutions, market regulation, technology and trade.

921 Agricultural and Economic Development in Africa. 3

Credits

Includes composition, organization, and techniques of agricultural production; economic change and development of agriculture, economic policies, and special problems of developing African agriculture.

922 Urban transport Economic development in Africa. 3

Credits

Includes Economic issues involved in providing transport services in urban communities; study of demand; alternative means of supply; public and private financing problems; pricing and resource allocation; role of local, state and federal governments.

923 Introduction to Dynamic Economics. 3

Credits

Includes interpretation of economies in terms of dynamic processes governed by their structures and institutions, in contrast to the method of static economic theory. Draws on institutional, evolutionary, and social economics.

924. Economics of Transportation 3

Credits

Includes influence of transport cost on economic development, industrial location and market penetration; economic characteristics of carriers; pricing policies and practices in transport; interrelationship of public policy issues and decisions by suppliers and users of transportation.

925. Transportation in Economic Development 3

Credits

Includes government promotion policies for transportation; evaluation of public investment in transportation; comparative analysis of role of government in developed and developing countries.

926 Wealth and Income. 3

Credits

Includes Origins of inequality in income and wealth-bequests, human capital, property division, productivity, and demographic change. Primary focus on the united states, with some international comparisons. Measurement of redistribution effected by social insurance, inflation, and tax-transfer system. Empirical, oriented towards policy analysis and measurement.

927 Game Theory and Economic Analysis. 3

Credits

Includes the study of multi-agent, interactive decision problems with emphasis on questions of coordination, cooperation and conflict. Application include relations between countries, competition between firms, bargaining between unions and firms, and contests between political candidates.

928 Law and Economics. 3

Credits

Includes economic analysis of legal rules and institutions with emphases on how different areas of law influence individual incentives. Specific topics include: (1) property, (2) contracts, (3) torts, (4) legal procedure and (5) criminal law.

929. Public Sector Bargaining 3

Credits

Includes major issues in public sector collective bargaining, such as, appropriate scope of bargaining, right to strike, and dispute resolution procedures. Compares labour-management statutes and bargaining practices of teachers and other municipal, state, and federal employees.

930 The Economics of Health Care 3

Credits

Includes analysis of the health care industry. Markets for hospitals and physicians' care, markets for health manpower and the role of health insurance.

Fourth Semester

931. Industrial Relations in Developing Countries 3

Credits

Includes comparative industrial relations in developing countries from institutional and historical perspectives: the relevance of western experience; labour unions in the context of national economic development and the world economy; personnel management; and the impact of foreign multinational companies.

932. Public Finance in Less Developed Countries 3

Credits

Includes potential and limitations of fiscal policy as a development instrument in low-income countries; tax harmonization in economic integration; case studies and tax reform; budgeting and planning.

933 Economic of Growth and Class Structure in Low Income Countries 3

Credits

Includes analyzes the relationship between growth and the changes in land access, employment, and class and extra house structures which shapes growth's welfare effects in contemporary low income economies. Methodologically explores the interface between neoclassical economics and Marxian analysis.

934 Mathematical Economics II 3

Credits

Includes advanced mathematical topics and techniques used in economic analysis. Deterministic and Stochastic control theory emphasized.

935 Micro Data Collection Methods in Economics 3

Credits

Includes an introduction to the problems of collecting and using data and individual economic decision-makers. Research design problems of sampling, and analysis problems.

936 Population and Society 3

Credits

Includes social and economic determinants and consequences of contemporary and historical population trends in both developed and developing societies. Fertility, mortality, migration, population distribution, age structure, population growth.

937 Advanced International Trade 3

Credits

Includes policies relating to trade, tariffs, balance of payments, and aid programs, with special emphasis on recent developments and the role played by the United States.

Management Theory	3
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Credits

Research Methodology	3
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Credits

Advanced English	3
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Credits

Organizational Behaviour	3
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Credits

Fifth Semester

1st Seminar

2nd Seminar

3rd Seminar

Sixth Semester

Proposal Defence

Internal Defence

Thesis Defence

SCHOOL OF LAW

5.0 Ph.D in Law

First Semester

602 Legal Sources 3

Credits

Overview of the institutions and entities that create legal documents how these documents are organized and found in a law library; introduction to common law case analysis.

603 Legal Writing 3

Credits

An intensive course in legal analysis and the organization and writing of common legal documents.

641 Sociology of Law 3

Credits

Theory and research on the social origins, processes and effects of law; examination of law-related behaviour, legal institutions, law and social structure, and law and social change; linkage to contemporary theoretical and political debates.

711 Contracts I 3

Credits

Creation of promissory ability; interpretation of words and conduct; change, reliance or formality as necessary for creation of promissory liability; remedies for breach contractor; unfairness as a reason for avoiding contractual liability.

713 Legal Process 3

Credits

Function, sources, and development of law, focusing upon the administrative, legislative, and judicial processes and their interrelations; law-making institutions in action as they are called upon to handle social problems.

714 Civil Procedure 3

CreditsDevelopment of the modern civil action including pleading, discovery, and the pretrial conference; the trial; motions after verdict and judgement; appeals; Anglophone & Francophone procedures.

700 Research Methodology 3

Credits

715 Torts I 3

Credits

A tort as roughly defined as a civil wrong, independent of contract; liability for physical and emotional harms inflicted by intentional misconduct or negligence, or without fault, and development of concepts and techniques in analyzing and solving tort problems.

Second Semester

721 Contracts II 3

Credits

Nature of the obligations assumed by entering a contract; the power of parties to control this obligation; rights of those not a party to a contract.

723 Legal Research and Writing 3

Credits

Legal research and legal bibliography, techniques of writing, organizing legal material, analyzing facts, and determining and predicting rules of law; library and computerized research; memoranda and brief writing; oral argument in moot court.

724 Property 3

Credits

Foundation for advanced courses, personal property and real property (land law); concepts of ownership and transfer of chattels (personal property), such as bailment, liens, pledges and gifts; historical introduction to law of real property precedes detailed study of nature of various ownership interest in land, called estates; landlord-tenant law; some preliminary treatment of land transfer (conveyance).

725 Introduction to Criminal Procedure 3

Credits

Various aspects of criminal procedure and criminal justice administration.

Constitutional limitations upon criminal justice practices.

724 Introduction to Substantive Criminal Law 3

Credits

Problems in defining what conduct should be subject to criminal penalties; the limitations of criminal law as means for prevention and control of undesirable conduct.

731 Constitutional Law I 3

Credits

Powers of government, state and federal, under the constitution of the state, relations between state authority (e.g. taxation and regulation of commerce); relations between branches of the government; limitations on government authority by virtue of a distribution of power.

732 Real Estate Transactions I 3

Credits

Basic legal elements of real estate transfer and finance; options, binder contracts, requirements as to writing, rights and duties between vendor and vendee, basic land contract and mortgage law and remedies, and the real estate recording system.

733 Trusts and Estates 3

Credits

Basic probate and non-probate devices for management and transmission of property in the family context, includes consideration of marital (community) property system, gifts and estate tax issues, and non-property considerations in estate planning.

744 Administrative Law 3

Credits

Role of the administrative process in society; emphasizes common powers and procedures; relationships among the legislative, judicial, executive and administrative agencies in the development of public policy.

746 Legislation 3

Credits

Se of statutes and legislative materials in litigation and decision; problems of the lawyer in the interpretation of statutes, in representation of the client before legislative bodies and in the presentation and argument of statutory authorities to a court.

Third Semester

749 Trademarks 3

Credits

Practical introduction to neglected but socially and economically important field. Introduction of a developing common state law, the behaviour and interests of business persons and consumers.

751 Patent Law 3

Credits

Survey of law of industrial property, including the law of patents and trade secrets.

801 Evidence 3

Credits

Concepts of relevancy and policy in admission of evidence; hearsay, opinions, and other exclusionary rules; examination of witnesses, judicial notice, and procedural considerations.

813 Administrative Advocacy 3

CreditsThe state administrative process combined with clinical work in administrative advocacy in a public interest law firm. Clinical work; training in oral advocacy in administrative agencies, courts, and the legislature, drafting of legal documents; investigation and negotiation techniques.

820 Conflict of Laws 3

Credits

Rules applied by courts in recognizing and enforcing rights involving elements which occurred in a sister state or foreign country.

822 Family Law I 3

Credits

Marriage and less formal spousal relationships, husband-wife relationships in on-going marriage; divorce and its economic and custody consequences; post-divorce relationships.

824 Family Law II 3

Credits

The relationship of parent and child; the rights of unmarried mothers and fathers and their children; parental rights to custody vis-a-vis third parties; parents' rights to make decisions affecting children; neglect; termination of parental rights; the foster care system and adoption.

827 International Law 3

Credits

Problems in private and governmental practice affected by international relations, the applicable to questions of recognition and non-recognition of governments and nations; interpretation of government and nations; interpretation of treaties and other international agreements; jurisdiction of nations; effect of peace and war; formation, operation and function of various international agreements, and matters of international claims.

829 Jurisprudence 3

Credits

Philosophies of law; surveys of analytical, sociological and ethical approaches to law and legal system.

840 Taxation 3

Credits

Advanced problems in federal income taxation; difficult, complex problems peculiar to corporations and shareholders-generally, the law consequences of corporate organization, reorganization, and liquidation of various kinds of distributions to shareholders, etc; scope sufficiently narrow to permit thorough and rigorous study of relevant tax concepts and materials.

Fourth Semester

841 Trial Court I 3

Credits

Drafting of pleadings, making of motions and trial of cases before a judge.

843 Unfair Trade Practices 3

Credits

Laws concerning methods of competition in business, with reference to the responsibilities of administrative agencies; trademarks, unfair competition, price maintenance, price discrimination.

845 Water Rights Law 3

Credits

Acquisition and nature of private rights in water comparing the riparian and appropriation legal systems; public rights as limitations on private rights, the firming up of rights by grant, contract, compulsory purchase and prescription and the administrative systems for water quality management.

850 Profession Responsibilities 3

Credits

The ethical and professional responsibility of practicing lawyers.

852 Trial Advocacy 3

Credits

Techniques involved in the examination of witnesses, including the lawyer's preparation, the preparation conference with the witness, direct examination, cross examination, objections, and the introduction of exhibits. Teaching methods include demonstrations by trial lawyers and practice sessions by the students under the supervision of trial lawyers.

863 Litigation in Criminal Cases 3

Credits

An analysis of several of the major pre-trial and trial sub-constitutional issues of criminal litigation as well as several issues of constitutional dimension not covered in the conventional criminal law.

Fifth Semester

880 Client Counselling 3

Credits

Client interviewing, analysis of problems as presented by clients, techniques for

client counselling and related law office practices. Students practice counselling of clients in hypothetical cases under the supervision of experienced practitioners. From the students taking the course, a team or teams may be selected for the national Client Counselling Competition.

902 Juvenile Justice Administration 3

Credits Formal structure and operational characteristics; objectives of the system, its problems with due process, and the roles of the policy, lawyers and social workers.

912 Methods of Disputes Settlement 3

Credits

Voluntary methods of disputes settlement including mediation, as contrasted with settlements imposed by military force, economic force, compulsory arbitration, etc. Students undertake a research project which attempts (a) to define techniques and attributes of a good mediator; (b) to determine whether those techniques and attributes can be taught and (c) to determine whether mediation techniques proven to be successful in one area of conflict can be transferred to other areas.

917 Government Contracts 3

Credits

Special legal rule applicable to contracts with governmental bodies and the special processes that have developed to administer those rules.

Fifth Semester

Seminar 1

Seminar 11

Seminar 111

Sixth Semester

Thesis Defence

SCHOOL OF AGRICULTURE SPECIALTIES

5.0 SCHOOL OF AGRICULTURE SPECIALTIES

5.1 Master of Science in Agricultural Cooperative

First Semester

801 Introduction to Agricultural Cooperative 3 Credits

Includes introduction to cooperative ways of thinking about a wide range of problems and issues. Topics include assumption, formulation production, prices, market, finance, trade, pollution, growth, farms, taxes, and development.

802 The Real Estate Process 3 Credits

Includes introductory survey course, decision-making processes for the manufacture, marketing, management and financing of real estate space. Survey of institutional context, economics of urbanization, historical pattern and structure of city growth, and public policy issues regarding urban environment and business management.

803 The International Agricultural Cooperative 3 Credits

Includes the nature of trade in agricultural product, trade policies and practices of importing and exporting nations, agricultural policies of major trading commodity problems, recent history and current developments in multilateral trade policy.

804 Farming System Management 3 Credits

Includes methods of economic analysis, planning and management applied to conventional and alternate farming systems.

805 Commodity Markets 3 Credits

Includes principles and practices in marketing systems for agricultural commodities. Vertical organizational; forward contracts, future markets, agricultural options and price formation. Alternate management at the farm processor, wholesale and retail levels.

806 Cooperatives 3 Credits

Includes cooperatives: analysis of basic principles, structure and organization, legal bases, finance, history and role in U.S. economy. Different types and uses as tools in U.S., Africa and Europe and developing countries.

Credits

Includes analyses aggregate growth, income distribution and poverty in lower income economics. Uses microeconomics of imperfect labor, capital and insurance markets to explore why some individuals advance economically as their economies grow and others fall behind. Considers implications of aggregate and micro analysis for national and international economic policy.

815 Agricultural Business and Tax Planning 3**Credits**

Includes application of business organization law and federal tax law to farm businesses. Emphasis is on choosing a business organization to minimize taxes and maximize other benefits of the business organization.

816 Grain Crops 3**Credits**

Includes production, distribution, and culture of corn, soybeans and small grains.

817 Plant Nutrition Management 3**Credits**

Includes functions, requirements and uptake of essential plant nutrients; chemical and diagnose of plant and soil nutrient status; fertilizers and efficient fertilizer use in different tillage system.

818 Social Change & Rural Development Via Cooperatives 3**Credits**

Includes definition of social change, theories of social change, functional analysis of social change, the concepts of Rural Development problems of Rural Development, alternative approaches to Rural Development.

819 Introduction to Computer and Information Management 3**Credits**

Includes introduction to the use of computers, types of computers and applications, basic keyboard skills, role and use of computers in information communication, data storage and analysis, primary applications, word-processing, spreadsheets, database management and statistical analysis.

819 Participatory Approaches and Technology Adoption 3**Credits**

Includes structure of Nigerian rural societies, factors affecting diffusion of innovation, adoption and non-adoption of recommended farm practices, relationship between technology and social change in rural communities, concepts, development and preconditions of appropriate technologies.

820 Report and Proposal Writing

3

Credits

Includes concepts of supervised enterprise projects, assessment of local problems of agricultural and rural development activities, participatory selection and assessment of projects, research synopsis, proposal writing, justification and expected outputs, methodology, cost and budget implications, preparation of results, and discussion, keeping records, statistical and narrative reporting

822 Farming Systems and Agro-forestry

3

Credits

Includes definitions in farming systems, climate and farming systems, classification and development of farming systems, shifting/fallow systems, permanent upland irrigated systems, perennial cropping, grazing systems farming, and systems research, development in agro forestry, benefits and management of agro forestry systems, cropping systems.

Third and Fourth Semesters

Seminar 1

Seminar 11

Internal Defence

External Defence

5.2 MSc Agricultural Production

First Semester

801 Cropping System

3

Credits

Includes comparisons and implications of specific cropping system with emphasis on environmental, management, and economic considerations. Tillage systems and ecological constraints as related to agronomic crop production are

also emphasized.

802 Forage Management and Utilization 3

Credits

Includes establishment, management, harvesting and utilization of forage crops for sue as hay, pasture and silage. Emphasis on cool season perennial grasses and legumes.

803 Grain Crops 3

Credits

Includes production, distribution, and culture of corn, soybeans and small grains.

804 Weed Identification 3

Credits

Identification of 125 or more common weeds and of noxious weed seeds. Numerous field trips. A collection of weeds required of each student.

805 Crop Plant and Seed Identification 3

Credits

Seed identification, inflorescence characteristics, and taxonomic relationships among over 60 cultivated crops. Field trips to a seed conditioning plant and to the State Seed Farm.

806 Plant Nutrition Management

3Credits Includes functions, requirements and uptake of essential plant nutrients; chemical and diagnose of plant and soil nutrient status; fertilizers and efficient fertilizer use in different tillage system.

807 Integrated Weed Management 3

Credits

Includes prevalence and persistence of weeds, evaluation of competitive and allopathic effects, methods and principles of control including proper identification of common weed species.

808 Nutrient Management: Agronomic Crops 3

Credits

Nutrients requirements of major agronomic crops; nutrient sources; nutrition management for agronomic crops form yield, quality, economic and environmental

perspectives.

809 Plant Breeding and Biotechnology 3

Credits

Includes principles of transferring plants genes by sexual, somatic, and molecular methods and the application of gene transfer in plant breeding and genetic engineering to improve crop plants.

810 Pesticides for Crop Pest Management: Issues and Applicator Training 3

Credits

Includes issues concerning pesticide safety, registration and environmental impact.

811 Research Methodology

3 Credits

Second Semester

AGEX 812 Social Change & Rural Development 3

Credits

Includes definition of social change, theories of social change, functional analysis of social change, the concepts of Rural Development problems of Rural Development, alternative approaches to Rural Development.

AGEX 813 Communication and Extension Methods 3

Credits

Includes theoretical models of communication, principles and processes of communication, analysis of extension teaching methods, nature and channels of communication in extension system, audio-visual media in extension.

AGEX 814 Adult and Non-Formal Education 3

Credits

Includes definitions and purposes of adult education, patterns of adult participation, methods of adult education, differentiation between formal and non-formal education, emerging technology for adult education, evaluating adult education.

AGEX 815 Extension Research Methods 3

Credits

AGEX 816	Introduction to Computer and Information Management	3
Credits		

AGEX 817	Participatory Approaches and Technology Adoption	3
Credits		

AGEX 818	Planning of SEPs, Report and Proposal Writing	3
Credits		

AGEX 819 Supervised Experience Projects

808 Organizational Behaviour

277

921 Theory And Practice of Management

Third Semester

Seminars Presentation

Fourth Semester

Proposal and Thesis Defence

Some textbooks for Dept. to consider and review list

1. Brady, N.C. and Weil, R.R. 1996. The nature and properties of soils, prentice-Hall International.
2. Tisdale et al., 1993. Soil fertility and fertilizers, Macmillan Publishing Co., New York.
3. Cotteine, A. 1980. Soil and plant testing as a basis of fertilizer recommendation, FAO, Rome.
4. Lal, R and Greenland, D.J. 1979. Soil physical properties and crop production in the tropics. John Wiley and Sons.
5. Morgan, R.P.C. 1995. Soil erosion and conservation. Longman.
6. Russell, E.W. 1973. Soil conditions and plant growth. Longman.

Third and Fourth Semester

Seminars and Thesis Defense

5.3 Agricultural Extension.

First Semester

AGEX 801 Social Change & Rural Development 3

Credits

Includes definition of social change, theories of social change, functional analysis of social change, the concepts of Rural Development problems of Rural Development, alternative approaches to Rural Development.

AGEX 802 Communication and Extension Methods 3

Credits

Includes theoretical models of communication, principles and processes of

AGEX 803 Adult and Non-Formal Education 3

Includes definitions and purposes of adult education, patterns of adult participation, methods of adult education, differentiation between formal and non-formal education, emerging technology for adult education, evaluating adult education.

AGEX804 Extension Research Methods 3

Includes formulation of research problem, research proposal, literature review writing, evaluation of extension and adult education program, quantitative research methods, sampling procedures, preparing questionnaires, attitude measurement, data analysis and interpretation, qualitative research methods, report writing.

AGEX 805	Introduction to Computer and Information Management	3
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Includes introduction to the use of computers, types of computers and applications, basic keyboard skills, role and use of computers in information communication, data storage and analysis, primary applications, word-processing, spreadsheets, database management and statistical analysis.

AGEX 806 Participatory Approaches and Technology Adoption 3

Includes structure of Nigerian rural societies, factors affecting diffusion of innovation, adoption and non-adoption of recommended farm practices, relationship between technology and social change in rural communities, concepts, development and preconditions of appropriate technologies.

AGEX 807	Planning of SEPs, Report and Proposal Writing	3
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Includes concepts of supervised enterprise projects, assessment of local problems of agricultural and rural development activities, participatory selection and assessment of projects, research synopsis, proposal writing, justification and

expected outputs, methodology, cost and budget implications, preparation of results, and discussion, keeping records, statistical and narrative reporting.

AGEX 808 Supervised Experience Projects 3

Credits

Includes students' conduct a 5-6 month supervised enterprise projects (SEPs) in their places of employment, projects are such that they are relevant to the students' work environment as well as contributing to advancement of the rural economy, students will be supervised by both the lecturers and their employers/sponsors.

808 Organizational Behaviour 3

Credits

809 Research Methodology 3

Credits

810 Theory and Practice of Management 3

Credits

5.4 Department of Agronomy

Second Semester

AGRN 811 Field Crop Production 3

Credits

Includes classification of crops, essentials of crop growth, soil, climate and their relation to crop growth, preparation of land, seeds and sowing, manures and fertilizers, irrigation and drainage, weeds and their control, harvesting, processing and storage of important crops.

AGRN 812 Farming Systems and Agro-forestry 3

Credits

Includes definitions in farming systems, climate and farming systems, classification and development of farming systems, shifting/fallow systems, permanent upland irrigated systems, perennial cropping, grazing systems farming, systems research, development in agro forestry, benefits and management of agro forestry systems, cropping systems.

AGRN 813 Principles of Horticulture 3

Credits Includes importance and classification of horticultural crops, propagation methods and nursery practices, basic principles and practices of landscape and ornamental gardening, vegetable production, and orchard crops.

Some textbooks for Dept. to consider and review list.

1. Purseglove, J.W. 1979. Tropical crops, monocotyledons and Dicotyledons, Longman, London.
2. Wrigley, G. 1999. Horticulture, principles and practices, prentice hall, new Jersey
3. Rocheleau, D., Weber, F. and Field-Juma, A. 1988. Agroforestry in dry land Africa. ICRAF Publ., Nairobi.
4. FAO, 1985. Sustainability issues in agriculture.
5. Kays, S.J. 1991. Post-harvest physiology and handling of perishable plant products. AVI Publishing Inc., New York.
6. Withers, B. and Vipond, S. 1974. Irrigation design and practice. Batsford Ltd.
7. FAO, 1971. Integrated farm water management. FAO, Rome.
8. Tisdale et al., 1993. Soil fertility and fertilizers, Macmillan publishing Co., New York
9. Lal, R. and Greenland, D.J. 1979. Soil physical properties and crop production in the tropics. John Wiley and Sons.
10. Russel, E.W. 1973. Soil conditions and plant growth. Longman, London.

5.5 Department of Animal Science

ANSC 814 Introduction to Fisheries

3

Credits

Includes introduction to fishery ecosystems, freshwater, marine and brackish waters, classification and identification of fishes, fish stock assessment, management system, exploitation, handling, storage and preservation, status of fishing industry, and aquaculture in Nigeria, construction and maintenance of fishponds.

Credits

ANSC 115 Animal Health and Diseases **3**

Credits

ANSC 816 Feeds and Feeding 3

Credits

Some textbooks for Dept. to consider and review list

- ## 5.6 Department of Plant Science

PLSC 817 Physiology of Crop Growth 3

Credits

Includes seed germination and dormancy, water and nutrient uptake, essential nutrients and their deficiency symptoms, environmental factors affecting dry matter accumulation in plants, competition and plant density, concept of plant ideotype, physiology of grain yield, water stress and drought physiology, foliar fertilizer, growth regulators.

PLSC 818 Principles of Plant Breeding 3

Credits

Includes centers of origin and diversity of crop plants, variation-hereditary and environmental, basic principles and general methods used in crop improvement.

PLSC 819 Seed Production Technology 3

Credits

Includes principles and methods of seed production for self-pollinated crops, cross-pollinated crops and hybrids, seed processing and storage, seed certification standards, procedures for field inspection, seed legislation and control, seed testing procedures, methods of breaking seed dormancy.

Some textbooks for Dept. to consider and review list

1. Slarko, B. 1990. Principles and methods of plant breeding, development in crop sciences, Elsevier.
2. Hartman, H.T. and Kester, D.E. 1989. Plant propagation, principles and practices, prentice-hall.
3. Kochlar, S.L. 1986. Tropical crops, Textbook of economic botany. Macmillan press.
4. Wright, R.C.M. and Hort, N.D. 1975. Plant propagation, a practical guide to the various methods of propagating trees, shrubs, herbaceous plants, fruits and vegetables, Wardlock and Co.
5. FAO 1999. Course proceedings in comprehensive training in seed certification (Vol. I), seed production, processing, storage, distribution and marketing.(Vol. II).

5.7 Department of Soil Science

SOSC 820 Introductory Soil and Water Conservation 3

Credits

Includes importance of soil and water management, organic matter, soil fertility and maintenance, crop residue management, manuring, soil erosion and control measures, tillage and cultivation methods in soil and water conservation, surface and sub-surface water storage and management.

SOSC 821 Soil and Crop Nutrition (Soil Fertility and Mineral Nutrition) 3

Credits

Includes soil fertility and crop productivity, major, secondary and trace elements in crop nutrition, crop responses and nutrient levels, sources of crop nutrients and factors affecting their availability, fertilizers and manures, lime and liming, role of soil organisms and organic matter in soil fertility, soil nitrogen cycle, maintenance of soil fertility under continuous cultivation.

SOSC 822 Soil and Plant Analysis 3

Credits

Includes principles of soil and plant analyses as a diagnostic tool, collection and preparation of soil samples, determination of soil pH, exchangeable ions and exchange capacity, estimation of total Fe, Al, Mn, P, N and organic carbon in soil, and for N, P, Ca, K and Mg in plants, soil fertility evaluation.

Some textbooks for Dept. to consider and review list

7. Brady, N.C. and Weil, R.R. 1996. The nature and properties of soils, prentice-Hall International.
8. Tisdale et al., 1993. Soil fertility and fertilizers, Macmillan Publishing Co., New York.
9. Cotteine, A. 1980. Soil and plant testing as a basis of fertilizer recommendation, FAO, Rome.
10. Lal, R and Greenland, D.J. 1979. Soil physical properties and crop production in the tropics. John Wiley and Sons.
11. Morgan, R.P.C. 1995. Soil erosion and conservation. Longman.
12. Russell, E.W. 1973. Soil conditions and plant growth. Longman.

Third and Fourth Semester

Seminars and Thesis Defense

5.8 Agricultural Extension

AGEX 901 Social Change & Rural Development 3

Credits

Includes definition of social change, theories of social change, functional analysis of social change, the concepts of Rural Development problems of Rural Development, alternative approaches to Rural Development.

AGEX 902 Communication and Extension Methods 3

Credits

Includes theoretical models of communication, principles and processes of communication, analysis of extension teaching methods, nature and channels of communication in extension system, audio-visual media in extension.

AGEX 903 Adult and Non-Formal Education 3

Credits

Includes definitions and purposes of adult education, patterns of adult participation, methods of adult education, differentiation between formal and non-formal education, emerging technology for adult education, evaluating adult education.

AGEX 904 Extension Research Methods 3

Credits

Includes formulation of research problem, research proposal, literature review writing, evaluation of extension and adult education program, quantitative research methods, sampling procedures, preparing questionnaires, attitude measurement, data analysis and interpretation, qualitative research methods, report writing.

AGEX 905 Introduction to Computer and Information Management 3

Credits

Includes introduction to the use of computers, types of computers and applications, basic keyboard skills, role and use of computers in information communication, data storage and analysis, primary applications, word-processing, spreadsheets, database management and statistical analysis.

AGEX 906 Participatory Approaches and Technology Adoption 3

Credits

Includes structure of Nigerian rural societies, factors affecting diffusion of innovation, adoption and non-adoption of recommended farm practices, relationship between technology and social change in rural communities, concepts, development and preconditions of appropriate technologies.

AGEC 910 Farm Management Economics 3

Credits

Includes production theory, cost theory, game theory, risks and uncertainties, decision making in farm business, economic principles for decision making, farm records, network statements, net income statement, performance ratios, farm budgeting techniques.

AGEX 911 Programme Planning and Evaluation 3

Credits

Includes concepts of programming, the nature, rationale and characteristics of agricultural extension programme planning, basic principles of extension programming, planning procedures for agricultural extension programmes, designing an extension programme plan, the concept of evaluation, the types, characteristics and imparting evaluation, techniques of evaluation, writing and using evaluation reports, the concept and importance of accountability, writing and using accounts reports, grassroot/popular participation in evaluation.

AGEX 912 Group Dynamics and Public Relations 3

Credits

Includes definitions of groups, group goals, patterns of interaction, identifying existing groups in a community, assessing the viability of groups, leadership styles/patterns, and their influence on groups, internal and external group dynamics influencing communication, exploiting diversity among groups to facilitate motivation and conflict management (case studies and simulation exercises).

AGEX 913 Gender, Leadership and Youth Issues 3

Credits

Includes the role of women, and youth in agricultural development, poverty and gender inequality, women's access to agricultural extension services, women's

interest and involvement in economic (income generating) activities, women, and youth organizations, theories of leadership and patterns in rural communities, techniques and methods of developing effective local leadership.

AGEX 314 Planning of SEPs, Report and Proposal Writing 3

Credits

Includes concepts of supervised enterprise projects, assessment of local problems of agricultural and rural development activities, participatory selection and assessment of projects, research synopsis, proposal writing, justification and expected outputs, methodology, cost and budget implications, preparation of results, and discussion, keeping records, statistical and narrative reporting.

AGEX 315 Supervised Experience Projects 3

Credits

Includes student's conduct a 5-6 month supervised enterprise projects (SEPs) in their places of employment, projects are such that they are relevant to the students' work environment as well as contributing to advancement of the rural economy, students will be supervised by both the lecturers and their employers/sponsors.

AGEX 916 Population, Resource Management and Environment 3

Credits

Includes population density and economic growth, land tenure systems and reforms, agro-forestry, and desertification, conservation of renewable natural resources and environment, natural resources and water management.

AGEX 917 Development of Extension Training Materials 3

Credits

Includes the communication process, learning theories and extension-teaching methods, auto-tutorial and guided learning, learning styles, learning materials, classification, creation and applications, learning media, type's selection and uses, management of audio-visual systems.

AGEC 918 Agricultural Marketing and Price 3

Credits

Includes concepts and principles of marketing, approaches to the study of marketing, marketing functions, institutions and channels, price determination and

cost of marketing, international trade.

5.9 Department of Agronomy

AGRN 919 Field Crop Production

3

Credits

Includes classification of crops, essentials of crop growth, soil, climate and their relation to crop growth, preparation of land, seeds and sowing, manures and fertilizers, irrigation and drainage, weeds and their control, harvesting, processing and storage of important crops.

AGRN 920 Farming Systems and Agro-forestry

3

Credits

Includes definitions in farming systems, climate and farming systems, classification and development of farming systems, shifting/fallow systems, permanent upland irrigated systems, perennial cropping, grazing systems farming, and systems research, development in agro forestry, benefits and management of agro forestry systems, cropping systems.

AGRN 921 Principles of Horticulture

3

Credits

Includes importance and classification of horticultural crops, propagation methods and nursery practices, basic principles and practices of landscape and ornamental gardening, vegetable production, and orchard crops.

Some textbooks for Dept. to consider and review list.

11. Purseglove, J.W. 1979. Tropical crops, monocotyledons and Dicotyledons, Longman, London.
12. Wrigley, G. 1999. Horticulture, principles and practices, prentice hall, new Jersey
13. Rocheleau, D., Weber, F. and Field-Juma, A. 1988. Agroforestry in dry land Africa. ICRAF Publ., Nairobi.
14. FAO, 1985. Sustainability issues in agriculture.
15. Kays, S.J. 1991. Post-harvest physiology and handling of perishable plant products. AVI Publishing Inc., New York.
16. Withers, B. and Vipond, S. 1974. Irrigation design and practice. Batsford Ltd.
17. FAO, 1971. Integrated farm water management. FAO, Rome.

18. Tisdale et al., 1993. Soil fertility and fertilizers, Macmillan publishing Co., New York
19. Lal, R. and Greenland, D.J. 1979. Soil physical properties and crop production in the tropics. John Wiley and Sons.
20. Russel, E.W. 1973. Soil conditions and plant growth. Longman, London.

5.10 Department of Animal Science

ANSC 922 Introduction to Fisheries 3

Credits

Includes introduction to fishery ecosystems, freshwater, marine and brackish waters, classification and identification of fishes, fish stock assessment, management system, exploitation, handling, storage and preservation, status of fishing industry, and aquaculture in Nigeria, construction and maintenance of fishponds.

ANSC 923 Animal Production and Management 3

Credits

Includes introduction to livestock production and management, development characteristics, classification and adaptation of livestock breeds, selection of breeding animals in poultry, large and small-ruminants, and non-ruminants.

ANSC 924 Animal Health and Diseases 3

Credits

Includes factors affecting health-status in animals, pre-disposition and causes of diseases, symptom logy and classification of diseases, control measures, pathological, metabolic/deficiency, surgical conditions.

ANSC 925 Feeds and Feeding 3

Credits

Includes introduction and classification of feeds and feedstuff, proximate analysis and feeding values of common feeds, factors affecting the nutritive value of feeds, methods of feed preservation, utilization and metabolism of food fractions, nutritive requirements for maintenance, growth and production, ration formulation

and evaluation, economics of livestock feeding.

Some textbooks for Dept. to consider and review list

7. Church and pond, 1991. Basic animal nutrition and feeding, Wiley Press.
8. Preston and Leng, 1986. Matching ruminant production systems with available resources in the tropics and sub-tropics. ILCA.
9. Amir and Knipscheer, 1989. Conducting on-farm animal research, procedures and economic analysis, Winrock International.
10. Williamson and Payne, 1985. Introduction to animal husbandry in the tropics, Longmans.
11. Hicking, C.F. 1971 fish culture, Faber and Fabe, London.
12. Anonymous 1988. Fisheries technologies for developing countries, National Academy Press. Washington DC.

5.11 Department of Plant Science

PLSC 926	Physiology of Crop Growth	3
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Credits

Includes seed germination and dormancy, water and nutrient uptake, essential nutrients and their deficiency symptoms, environmental factors affecting dry matter accumulation in plants, competition and plant density, concept of plant ideotype, physiology of grain yield, water stress and drought physiology, foliar fertilizer, growth regulators.

PLSC 927	Principles of Plant Breeding	3
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Credits

Includes centers of origin and diversity of crop plants, variation-hereditary and environmental, basic principles and general methods used in crop improvement.

PLSC 928	Seed Production Technology	3
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Credits

Includes principles and methods of seed production for self-pollinated crops, cross-pollinated crops and hybrids, seed processing and storage, seed certification standards, procedures for field inspection, seed legislation and control, seed testing procedures, methods of breaking seed dormancy.

Some textbooks for Dept. to consider and review list

6. Slarko, B. 1990. Principles and methods of plant breeding, development in crop sciences, Elsevier.
7. Hartman, H.T. and Kester, D.E. 1989. Plant propagation, principles and practices, prentice-hall.
8. Kochlar, S.L. 1986. Tropical crops, Textbook of economic botany. Macmillan press.
9. Wright, R.C.M. and Hort, N.D. 1975. Plant propagation, a practical guide to the various methods of propagating trees, shrubs, herbaceous plants, fruits and vegetables, Wardlock and Co.
10. FAO 1999. Course proceedings in comprehensive training in seed certification (Vol. I), seed production, processing, storage, distribution and marketing.(Vol. II).

5.12 Department of Soil Science

SOSC 929 Introductory Soil and Water Conservation

3

Credits

Includes importance of soil and water management, organic matter, soil fertility and maintenance, crop residue management, manuring, soil erosion and control measures, tillage and cultivation methods in soil and water conservation, surface and sub-surface water storage and management.

SOSC 930 Soil and Crop Nutrition (Soil Fertility and Mineral Nutrition)

3

Credits

Includes soil fertility and crop productivity, major, secondary and trace elements in crop nutrition, crop responses and nutrient levels, sources of crop nutrients and factors affecting their availability, fertilizers and manures, lime and liming, role of soil organisms and organic matter in soil fertility, soil nitrogen cycle, maintenance of soil fertility under continuous cultivation.

SOSC 931 Soil and Plant Analysis

3

Credits

Includes principles of soil and plant analyses as a diagnostic tool, collection and preparation of soil samples, determination of soil pH, exchangeable ions and exchange capacity, estimation of total Fe, Al, Mn, P, N and organic carbon in soil,

and for N, P, Ca, K and Mg in plants, soil fertility evaluation.

Some textbooks for Dept. to consider and review list

13. Brady, N.C. and Weil, R.R. 1996. The nature and properties of soils, prentice-Hall International.
14. Tisdale et al., 1993. Soil fertility and fertilizers, Macmillan Publishing Co., New York.
15. Cotteine, A. 1980. Soil and plant testing as a basis of fertilizer recommendation, FAO, Rome.
16. Lal, R and Greenland, D.J. 1979. Soil physical properties and crop production in the tropics. John Wiley and Sons.
17. Morgan, R.P.C. 1995. Soil erosion and conservation. Longman.
18. Russell, E.W. 1973. Soil conditions and plant growth. Longman.

5.13 Department of Crop Protection

CPPR 932 Principles of Crop Protection 3

Credits

Includes general principles of pest and disease control, pests and diseases of major crops, integrated approaches to pest and disease control, measures.

CPPR 933 Pesticides and their Application 3

Credits

Includes the need for pesticides in relation to other control measures in pest management, pesticides formulation, and classification of pesticides, including growth regulators, problems of pesticide use, pesticide application, toxicity and safety precautions.

Some textbooks for Dept. to consider and review

1. Halin, S.K. and Caverness, F.E. 1996. Integrated pest management for tropical roots and tuber crops.
2. Gwinner, G. 1990. Manual on the prevention of post-harvest grain losses.
3. FAO, 1985. Prevention of post-harvest food losses.
4. Kays, S.J. 1991. Post-harvest physiology and handling of perishable

plant products. AVI Publishing Inc., New York.

5.14 Department of Agricultural Engineering

AGEN 934 Farm Machinery and Mechanization

3

Credits

Includes (No response from the Department, the following content was, therefore, adapted from the NUC's 'Approved Minimum Academic Standards, the Department is free to modify). Aims and objectives of agricultural mechanization, basic mechanics, workshop tools, and principles of internal combustion engines and electric motors, principles of operation, selection and maintenance of farm machinery, farm machinery for tillage, ploughs, harrows, cultivators, power transmission systems, harvesting and processing equipment, equipment and structures, survey instruments, farm machinery costing and records, farm workshops and buildings.

Shared (inter-departmental) courses: AGRN (Data Processing) and AERS (To Include Social Sci. Applions) AGRN/AGEN/CPPR

AGRC 935 Postharvest and Food Technology

3

Credits

Includes importance and strategies of post-harvest crop handling in agriculture, postharvest physiology of farm produce, influence of production practices and technology-harvest, handling and processing of agricultural produce traditional and modern technologies). Storage methods and structures, pest management, for storage, food processing and preservation of major types of food products.

AGRC 936 Irrigation and Drainage

3 Credits

Includes hydrologic cycle, role of water in crop growth, concepts of soil water availability, irrigation water requirement, scheduling, water deficits and crop yields, methods of irrigation, water use efficiency and water quality, principles of soil salinity and alkalinity, management of problem soils, leaching and drainage, irrigation resources in Nigeria, soil-water-plant relationship.

AERS (in collaboration with Supervisors/Supervisory Teams)

AGEX 936 SEP Evaluation and Presentation

3

Credits

Includes critical assessment and appraisal of off-campus SEPs through supervisors' reports, self-evaluation and peer assessment, outputs of project including seminars and written project reports.

Some textbooks for Dept. to consider and review list

1. Kepner, R.A. 1980. Principles of farm machinery. AVI Publishing Inc. New York.
2. Schwab et al., 1993. Soil and water conservation engineering. Wiley and Sons Inc.
3. Hudson, N.W. 1975. Field Engineering for agricultural development. Clarendon.
4. Withers, B and Vipong, S. 1974. Irrigation design and practice. Batsford Ltd.
5. Kays, S.J. 1991. Post-harvest physiology and handling of perishable plant products. AVI Publishing, New York.

AGEX 937 Principles and Practices in Crop Production 3

Credits

Includes plant science applied to the growth, production, management, distribution and utilization of field crops.

AGEX 938 Livestock Production 3

Credits

Includes anatomy physiology, nutrition, genetics, reproduction, marketing, meat and management of dairy and beef cattle, swine, sheep, poultry and horses, lectures, laboratories and discussion and field trips.

AGEX 939 Introduction to Rural Sociology and Development. 3

Credits

Includes contemporary issues in rural society throughout the world, with special attention to the U.S and developing countries. Sociological concepts are introduced and applied to agriculture, natural resources, rural institutions and communities, population growth and change, globalization, and environment and development.

AGEX 940 Plants, Parasites, and People. 3

Credits

Includes the course will explore the interaction between society and plant-associated microbes. The Irish potato famine, pesticides in current agriculture, role of economics and consumer preference in crop disease management and the release of genetically engineered organisms.

AGEX 941 Introduction to Agricultural and Applied 3

Credits

Includes introduction to economic ways of thinking about a wide range of problems and issues, consumption, production, prices, markets, finance, trade, pollution, growth, farms, taxes, and development.

AGEX 942 Growth, Composition and Evaluation of Meat Animals 3

Credits

Includes principles and application of objective and subjective techniques for identifying quantitative and qualitative traits associated with breeding animals, market animals and meat, statistics, growth, anatomy, genetics, field trips to livestock farms and meat processing plants.

AGEX 943 Advanced Meat Animal Evaluation Lab. 3

Credits

Includes review and practical application of subjects covered in animal sciences 220, field trips to livestock farms, meat processing plants.

AGEX 944 Environment, Natural Resources and Community. 3

Credits

Includes examines rural communities uniquely dependent on natural resources. Introduces principles, theories, and methods of rural sociology, community structure and development, population, and the environment through the study of actual communities and their problems.

AGEX 945 Horse Science and Management 3

Credits

Includes general principles, emphasis on the light horse breeds, anatomy, selection, blemishes, unsoundness, feeding, breeding, management, and equitation, short field trips.

AGEX 946 Cropping Systems 3

Credits

Includes comparisons and implications of specific cropping systems with emphasis on environmental, management, and economic considerations. Tillage systems and ecological constraints as related to agronomic crop production are also emphasized.

AGEX 947 Forage Management and Utilization 3

Credits

Includes establishment, management, harvesting and utilization of forage crops for use as hay, pasture and silage. Emphasis on cool season perennial grasses and legumes.

AGEX 948 Grain Crops 3

Credits

Includes production, distribution, and culture of corn, soybeans, and small grains.

AGEX 949 Introduction to Meat Science and Technology 3

Credits

Includes application of biological, technological, and economical principles to muscle and related tissue utilized for food.

AGEX 950 Comparative Animal Nutrition 3

Credits

Includes nutrients and their source, assimilation, function and requirement.

5.15 Ph.D. Agricultural Production**First Semester**

901 Cropping System 3

Credits

Includes comparisons and implications of specific cropping system with emphasis on environmental, management, and economic considerations. Tillage systems and ecological constraints as related to agronomic crop production are also emphasized.

902 Forage Management and Utilization 3

Credits

Includes establishment, management, harvesting and utilization of forage crops

for sue as hay, pasture and silage. Emphasis on cool season perennial grasses and legumes.

903 Grain Crops 3

Credits

Includes production, distribution, and culture of corn, soybeans and small grains.

904 Weed Identification 3

Credits

Identification of 125 or more common weeds and of noxious weed seeds. Numerous field trips. A collection of weeds required of each student.

905 Crop Plant and Seed Identification 3

Credits

Seed identification, inflorescence characteristics, and taxonomic relationships among over 60 cultivated crops. Field trips to a seed conditioning plant and to the State Seed Farm.

906 Plant Nutrition Management 3

Credits

Includes functions, requirements and uptake of essential plant nutrients; chemical and diagnose of plant and soil nutrient status; fertilizers and efficient fertilizer use in different tillage system.

907 Integrated Weed Management 3

Credits

Includes prevalence and persistence of weeds, evaluation of competitive and allelopathic effects, methods and principles of control including proper identification of common weed species.

908 Nutrient Management: Agronomic Crops 3

Credits

Nutrients requirements of major agronomic crops; nutrient sources; nutrition management for agronomic crops form yield, quality, economic and environmental perspectives.

909 Plant Breeding and Biotechnology 3

Credits

Includes principles of transferring plants genes by sexual, somatic, and molecular methods and the application of gene transfer in plant breeding and genetic engineering to improve crop plants.

910 Pesticides for Crop Pest Management: Issues and Applicator Training 3 Credits

Includes issues concerning pesticide safety, registration and environmental impact.

911 Research Methodology 3 Credits

Second Semester

AGEX 912 Social Change & Rural Development 3 Credits

Includes definition of social change, theories of social change, functional analysis of social change, the concepts of Rural Development problems of Rural Development, alternative approaches to Rural Development.

AGEX 913 Communication and Extension Methods 3 Credits

Includes theoretical models of communication, principles and processes of communication, analysis of extension teaching methods, nature and channels of communication in extension system, audio-visual media in extension.

AGEX 914 Adult and Non-Formal Education 3 Credits

Includes definitions and purposes of adult education, patterns of adult participation, methods of adult education, differentiation between formal and non-formal education, emerging technology for adult education, evaluating adult education.

AGEX 915 Extension Research Methods 3 Credits

Includes formulation of research problem, research proposal, literature review writing, evaluation of extension and adult education program, quantitative research methods, sampling procedures, preparing questionnaires, attitude measurement, data analysis and interpretation, qualitative research methods, report writing.

AGEX 916 Introduction to Computer and Information Management 3

Credits

Includes introduction to the use of computers, types of computers and applications, basic keyboard skills, role and use of computers in information communication, data storage and analysis, primary applications, word-processing, spreadsheets, database management and statistical analysis.

AGEX 917 Participatory Approaches and Technology Adoption 3

Credits

Includes structure of Nigerian rural societies, factors affecting diffusion of innovation, adoption and non-adoption of recommended farm practices, relationship between technology and social change in rural communities, concepts, development and preconditions of appropriate technologies.

AGEX 918 Planning of SEPs, Report and Proposal Writing 3

Credits

Includes concepts of supervised enterprise projects, assessment of local problems of agricultural and rural development activities, participatory selection and assessment of projects, research synopsis, proposal writing, justification and expected outputs, methodology, cost and budget implications, preparation of results, and discussion, keeping records, statistical and narrative reporting.

AGEX 919 Supervised Experience Projects 3

Credits

Includes students' conduct a 5-6 month supervised enterprise projects (SEPs) in their places of employment, projects are such that they are relevant to the students' work environment as well as contributing to advancement of the rural economy, students will be supervised by both the lecturers and their employers/sponsors.

808 Organizational Behaviour 3

Credits

920 Operation Management 3

Credits

921 Theory and Practice Of Managements 3

Credits

4.16 Department of Agronomy

Third Semester

AGRN 922 Field Crop Production

3

Credits

Includes classification of crops, essentials of crop growth, soil, climate and their relation to crop growth, preparation of land, seeds and sowing, manures and fertilizers, irrigation and drainage, weeds and their control, harvesting, processing and storage of important crops.

AGRN 923 Farming Systems and Agro-forestry

3

Credits

Includes definitions in farming systems, climate and farming systems, classification and development of farming systems, shifting/fallow systems, permanent upland irrigated systems, perennial cropping, grazing systems farming, systems research, development in agro forestry, benefits and management of agro forestry systems, cropping systems.

AGRN 924 Principles of Horticulture

3

Credits

Includes importance and classification of horticultural crops, propagation methods and nursery practices, basic principles and practices of landscape and ornamental gardening, vegetable production, and orchard crops.

Some textbooks for Dept to consider and review list.

21. Purseglove, J.W. 1979. Tropical crops, monocotyledons and Dicotyledons, Longman, London.
22. Wrigley, G. 1999. Horticulture, principles and practices, prentice hall, new Jersey
23. Rocheleau, D., Weber, F. and Field-Juma, A. 1988. Agroforestry in dry land Africa. ICRAF Publ., Nairobi.
24. FAO, 1985. Sustainability issues in agriculture.
25. Kays, S.J. 1991. Post-harvest physiology and handling of perishable plant

- products. AVI Publishing Inc., New York.
26. Withers, B. and Vipond, S. 1974. Irrigation design and practice. Batsford Ltd.
27. FAQ, 1971. Integrated farm water management. FAO, Rome.
28. Tisdale et al., 1993. Soil fertility and fertilizers, Macmillan publishing Co., New York
29. Lal, R. and Greenland, D.J. 1979. Soil physical properties and crop production in the tropics. John Wiley and Sons.
30. Russel, E.W. 1973. Soil conditions and plant growth. Longman, London.

5.17 Department of Animal Science

ANSC 925 Introduction to Fisheries 3

Credits

Includes introduction to fishery ecosystems, freshwater, marine and brackish waters, classification and identification of fishes, fish stock assessment, management system, exploitation, handling, storage and preservation, status of fishing industry, and aquaculture in Nigeria, construction and maintenance of fishponds.

ANSC 926 Animal Production and Management 3

Credits

Includes introduction to livestock production and management, development characteristics, classification and adaptation of livestock breeds, selection of breeding animals in poultry, large and small-ruminants, and non-ruminants.

ANSC 927 Animal Health and Diseases 3

Credits

Includes factors affecting health-status in animals, pre-disposition and causes of diseases, symptom logy and classification of diseases, control measures, pathological, metabolic/deficiency, surgical conditions.

ANSC 928 Feeds and Feeding 3

Credits

Includes introduction and classification of feeds and feedstuff, proximate analysis

Some textbooks for Dept to consider and review list

- ## 5.18 Department of Plant Science

Credits

Credits

Credits

302

Some textbooks for Dept. to consider and review list

- ## 5.19 Department of Soil Science

3

Includes importance of soil and water management, organic matter, soil fertility and maintenance, crop residue management, manuring, soil erosion and control measures, tillage and cultivation methods in soil and water conservation, surface and sub-surface water storage and management.

3

Includes soil fertility and crop productivity, major, secondary and trace elements in crop nutrition, crop responses and nutrient levels, sources of crop nutrients and factors affecting their availability, fertilizers and manures, lime and liming, role of soil organisms and organic matter in soil fertility, soil nitrogen cycle, maintenance of soil fertility under continuous cultivation.

3

Credits

Includes principles of soil and plant analyses as a diagnostic tool, collection and preparation of soil samples, determination of soil pH, exchangeable ions and exchange capacity, estimation of total Fe, Al, Mn, P, N and organic carbon in soil, and for N, P, Ca, K and Mg in plants, soil fertility evaluation.

Some textbooks for Dept to consider and review list

19. Brady, N.C. and Weil, R.R. 1996. The nature and properties of soils, prentice-Hall International.
20. Tisdale et al., 1993. Soil fertility and fertilizers, Macmillan Publishing Co., New York.
21. Cotteine, A. 1980. Soil and plant testing as a basis of fertilizer recommendation, FAO, Rome.
22. Lal, R and Greenland, D.J. 1979. Soil physical properties and crop production in the tropics. John Wiley and Sons.
23. Morgan, R.P.C. 1995. Soil erosion and conservation. Longman.
24. Russell, E.W. 1973. Soil conditions and plant growth. Longman.

Third and Fourth Semester

Seminars and Thesis Defense

5.20 Ph.D AGRICULTURALECONOMICS COURSE OUTLINE

First Semester

900 Introduction to Agricultural and Applied Economics 3

Credits

Includes introduction to economic ways of thinking about a wide range of problems and issues. Topics include assumption, production, prices, market, finance, trade, pollution, growth, farms, taxes, and development.

901 The Real Estate Process 3

Credits

Includes introductory survey course, decision-making processes for the manufacture, marketing, management and financing of real estate space. Survey of institutional context, economics of urbanization, historical pattern and structure

of city growth, and public policy issues regarding urban environment and business management.

902 The International Agricultural Economy 3

Credits

Includes the nature of trade in agricultural product, trade policies and practices of importing and exporting nations, agricultural policies of major trading commodity problems, recent history and current developments in multilateral trade policy.

903 Farming System Management 3

Credits

Includes methods of economic analysis, planning and management applied to conventional and alternate farming systems.

904 Commodity Markets 3

Credits

Includes principles and practices in marketing systems for agricultural commodities. Vertical organizational; forward contracts, future markets, agricultural options and price formation. Alternate management at the farm processor, wholesale and retail levels.

905 Cooperatives 3

Credits

Includes cooperatives: analysis of basic principles, structure and organization, legal bases, finance, history and role in U.S. economy. Different types and uses as tools in U.S. and developing countries.

906 Agricultural and Natural Resources 3

Credits

A survey of the laws that affect small businesses and individuals involved with agriculture and natural resources. Topics include: an introduction to the legal system and legal research: torts; contracts; real property; taxation; business organizations and probate.

907 Environmental Economics 3

Credits

Includes Microeconomic principles underlying the use of natural resources such

as air, water, forests, fisheries, minerals and energy. These principles are applied in the examination of population control, preservation vs. development, deforestation, and other environmental issues.

908 The Environment and the Global Economy 3

Credits

Includes the environmental implications of the global economy concern global climate change, trade in endangered species, preservation of biodiversity, Trans boundary pollution, and the chemical contamination of traded goods. This course concerns the “economic way of thinking” about global environmental issues.

909 World Hunger and Malnutrition 3

Credits

Includes hunger and poverty in developing countries and the United States. Topics include: nutrition and health, population, food production and availability, and income distribution and employment.

910 The Growth and Development of Nations in the Global Economy 3

Credits

This course explores the roles of markets, states and civil institutions, using economic theory, computer simulations, and historical experience to better understand the forces that shape the wealth and well-being of nation and people around the world

911 Agricultural Finance 3

Credits

Includes an examination of financial markets, the theory of capital, financial analysis and financial management.

912 Operation Research Methodology

912 Advanced English Language

912 Organizational Behaviour

912 Management Theory and Practice

Second Semester

913 Production Economics

3

Credits

Applications of basic theoretical concepts in farm production and aggregates supply analysis using linear programming and simulation techniques.

914 Economic Analysis of Agricultural Markets

3

Credits

Includes price discovery in farm products markets: competitive theory and extension to time, space, and form dimensions; theory of market control and contemporary applications.

915 Quantitative Methods in Agricultural and Applied Economics

3

Credits

Includes use of economics and statistics to obtain quantitative answers to problems faced by decision makers. Homework problems requiring use of computers and software packages to gain experience working with numbers in context of special problems.

916 Natural Resource Economics

3

Credits

Includes economic concepts and tools relating to management and use of natural resources, including pricing principles, cost-benefit analysis, equity, externalities. Economic rents, renewable and nonrenewable resources, and resource policy issues.

917 Structure of Agric. Industry

3

Credits

Includes organization and structure of American industries and their markets, including the agriculture-related industries; competitive behaviour, price policy, and market performance.

918 Economic Problems of Developing Areas

3

Credits

Includes analyses aggregate growth, income distribution and poverty in lower income economics. Uses microeconomics of imperfect labour, capital and insurance markets to explore why some individuals advance economically as their

economies grow and others fall behind. Considers implications of aggregate and micro analysis for national and international economic policy.

919 Agricultural and Economic Development in Africa 3

Credits

Composition, organization, and techniques of agricultural production; economic change and development of developing Africa agriculture.

920 Agricultural Business and Tax Planning 3

Credits

Includes application of business organization law and federal tax law to farm businesses. Emphasis is on choosing a business organization to minimize taxes and maximize other benefits of the business organization.

921 Public Finance in Less Developed Countries 3

Credits

Includes potential and limitations of fiscal policy as development instrument in low-income countries; tax harmonization in budgeting and planning.

922 Application Microeconomic Theory 3

Credits

Includes microeconomic theory applied to consumers, producers, markets, and welfare analysis. Emphasis is on the mathematics of duality and optimization methods. Computer applications of the theory.

Third Semester

923 Applied Econometric Analysis 3

Credits

Includes statistical concepts and inference for economic analysis. Derivation and properties of simple and general linear models. Specifications, estimation, and interference of empirical model. Some knowledge of matrix algebra if presumed.

924 Decision Methods for Natural Resource Manager 3

Credits

Includes application of quantitative methods, including optimization and simulation, to the management of natural resources, especially forest.

925 Energy Economics 3

Credits

The method, application, and limitations of traditional economic approaches to the study of energy problems. Topics include microeconomic foundations of energy demand and supply; optimal pricing and allocation of energy resources; energy market structure, conduct, and performance; macro linkages of energy and the economy; and the economics of regulatory and other public policy approaches to the social control of energy.

926 Cropping System 3

Credits

Includes comparisons and implications of specific cropping system with emphasis on environmental, management, and economic considerations. Tillage systems and ecological constraints as related to agronomic crop production are also emphasized.

927 Forage Management and Utilization 3

Credits

Includes establishment, management, harvesting and utilization of forage crops for use as hay, pasture and silage. Emphasis on cool season perennial grasses and legumes.

928 Grain Crops 3

Credits

Includes production, distribution, and culture of corn, soybeans and small grains.

929 Weed Identification 3

Credits

Identification of 125 or more common weeds and of noxious weed seeds. Numerous field trips. A collection of weeds required of each student.

930 Crop Plant and Seed Identification 3

Credits

Seed identification, inflorescence characteristics, and taxonomic relationships among over 60 cultivated crops. Field trips to a seed conditioning plant and to the State Seed Farm.

931 Plant Nutrition Management 3

Credits

Includes functions, requirements and uptake of essential plant nutrients; chemical and diagnose of plant and soil nutrient status; fertilizers and efficient fertilizer use in different tillage system.

932 Integrated Weed Management 3

Credits

Includes prevalence and persistence of weeds, evaluation of competitive and allelopathic effects, methods and principles of control including proper identification of common weed species.

Fourth Semester

933 Nutrient Management: Agronomic Crops 3

Credits

Nutrients requirements of major agronomic crops; nutrient sources; nutrition management for agronomic crops from yield, quality, economic and environmental perspectives.

934 Plant Breeding and Biotechnology 3

Credits

Includes principles of transferring plants genes by sexual, somatic, and molecular methods and the application of gene transfer in plant breeding and genetic engineering to improve crop plants.

935 Pesticides for Crop Pest Management: Issues and Applicator Training 3

Credits

Includes issues concerning pesticide safety, registration and environmental impact.

Fifth Semester

Seminar presentations

Sixth Semester

Proposal Thesis Defence

5.21 ENGINEERING AND TECHNOLOGY

COURSE OUTLINE FOR M.Sc.TRANSPORTATION IN CIVIL ENGINEERING

First Semester

801 Engineering Spatial Measurements

3 Credits

Includes introduction to the fundamentals of, engineering measurements; units of measurement, significant figures, errors in measurement; measuring devices and their calibration, measurements of distances, angles, elevations and other engineering qualities; construction measurements, reference coordinate systems for point positioning, datum, mapping.

802 Photographs Processing

3

Credits

Includes basic aspects of black and white and colour photo processing. Contrast control, colour balance, lab topics include: exposure control; contrast control; contact prints and "enlargements; develop black and white film, expose step wedge, develop, prepare D-loge E curves, calculate contrast.

803 Fundamental Compilations for Land Information Systems

3

Credits

Includes the nature of errors in spatial measurements, propagation of errors in computations, concept of least squares adjustments with applications two-dimensional conformal and affine transformations used in land and Geographic Information Systems, introduction to projective and polynomial transformations.

804 Fluid Mechanics

3

Credits

Includes fluid static dynamics, dimensional analysis flow of an ideal fluid, flow of a real fluid-including laminar and turbulent flow, applications to engineering problems.

805 Hydrosience

3 Credits

Includes introduction to water cycle, its to the environment and human attempts to conserve, control and utilize water judiciously. Fundamentals of hydrology, hydraulics, coastal engineering and water resources engineering

806 Hydraulic Engineering

3

Credits

Includes engineering approaches to measurement control and conveyance of water flows, emphasizing analysis, design, characteristics and selection of measurement devices and instrumentation, water supply pipe distribution systems pumps, turbines, and facilities, sewer collection and treatment systems.

807 Environmental Engineering

3 Credits

Include Fundamental sanitary aspects of environmental engineering. Role of the engineer in the control of the environment; water supply and wastewater problems; solid waste disposal; air pollution; and administration in environmental engineering relationship.

808 Environmental Pollution Control

3 Credits

Include water, land, and air pollution control technology to show the engineering approach to pollution problems, to outline solutions based on current technology, and to consider technical and economic constraints on solutions.

809 Research Methodology

3

Credits

Nature and definition, challenges of research in 3rd world countries, components of research and research analysis, common errors in research, methods of knowledge acquisition, tools for data analysis.

810 Organizational Behaviour

3 Credits

Include attitudes and behaviour within organizations, satisfaction, performance, and job choice, models of organizational behaviour and attitudes, use of the models to demonstrate how individual, group and organizational characteristics influence attitudes and behaviour, implications for supervisory practice.

811 Advanced English and Effective Communication Skills

812 Theory and Practice of Management

Scholarly definitions of management, history, concept of planning, organizing, motivating and controlling, theory of motivation, decision-making process, problems solving techniques, managerial roles, functions of management, business objectives, business characters and communication skills.

Second Semester

813 Environmental Engineering Chemistry

3

Credits

Include Principles of physical and organic chemistry discussed in context of environmental engineering processes such as water and wastewater treatment and hazardous waste management.

814 Design of Water Distribution and Waste-Water Collection Systems 3

Credits

Include Application of basic principles in Sanitary "Engineering and Hydraulics to the design of conduits, water distribution systems, reservoirs, pumping stations, storm waterand sanitary sewerage systems and appurtenances.

815 Design of Wastewater Treatment Plants	3 Credits
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Include Unit operations in wastewater treatment; physical, chemical, and biological processes for Treatment of wastewater, sludge treatment and disposal; design of a wastewater treatment and disposal; design of a wastewater treatment plant; site visits to wastewater treatment plants.

816 Soil Mechanics 3

Credits

Include Basic principles of soil mechanics and fundamentals of application in engineering practice; soil composition and texture; classification; permeability and seepage; consolidation; settlement; shear strength; lateral earth pressures; fundamentals of retaining structures, shallow and deep foundations, slope stability; sub-surface exploration.

817 Structural Analysis	3 Credits
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Include Analysis of statically determinate and indeterminate beams, trusses, and rigid frames; deflections by virtual-work, moment-area; influence lines; force methods; structural design loads, introduction to structural design, approximate methods.

818 Elementary Photogrammetry 3

Credits

Include Basics in aerial photogrammetry with emphasis on noncomputational aspects; the photographic process; image distortions; vertical photographs; scale; relief displacement; tilted photographs and rectification; stereoscopic viewing; stereoscopic parallax; mosaics; stereoscope parallax, heights of objects from

relief displacement and parallax; mosaics; stereoscopic plotting instruments; introductory photo interpretation and remote sensing.

819 Principles of Land Information Systems

3

Credits.

Include Spatial data acquisition methods and reference frameworks for Land and Geographic Information Systems (LIS/GIS); introduction to geodesy, geodetic networks, control surveys, and coordinate systems; concepts of property rights; photogrammetry and remote sensing; applications in civil and environmental engineering.

820 Photographic Processing

3

Credits

Include Basic concepts of photography and photographic processing; history of photography; basic operation of cameras; photographic black and white films, their spectral sensitivities, D-logE curves, and films, their spectral colour film construction and spectral sensitivities; colour balance and processing techniques; practical application to include infrared photography, photography through telescopes and microscopes and copy work.

821 Adjustment Computations

3

Credits

Include Formation and solution of large systems of simultaneous linear observation equations; linearization of nonlinear equations, propagation of errors in surveying, geodesy and photogrammetry; adjustment by least squares using observations and conditions; matrix methods in least squares adjustment; weights and precisions of adjusted quantities; error ellipses; applications to typical surveying, geodesy and photogrammetry problems.

822 An Introduction to Geographic Information Systems

3

Credits

Include design, implementation and use of automated procedures for storage, analysis and display of spatial information. Covers data bases, information manipulation and display techniques, software systems and management issues.

Third Semester

Seminars Presentation
Fourth Semester
Proposal and Thesis Defence

5.22 Department of Civil Engineering

801 Environmental Engineering 3

Credits

Include Fundamental sanitary aspects of environmental engineering. Role of the engineer in the control of the environment; water supply and wastewater problems; solid waste disposal; air pollution; and administration in environmental engineering.

802 Environmental Pollution Control 3

Credits

Include water, land, and air pollution control technology to show the engineering approach to pollution problems, to outline solutions based on current technology, and to consider technical and economic constraints on solutions.

803 Environmental Engineering Chemistry 3

Credits

Include Principles of physical and organic chemistry discussed in context of environmental engineering processes such as water and wastewater treatment and hazardous waste management.

804 Design of Water Distribution and Waste-Water Collection Systems 3

Credits

Include Application of basic principles in Sanitary "Engineering and Hydraulics to the design of conduits, water distribution systems, reservoirs, pumping stations, storm water and sanitary sewerage systems and appurtenances.

804 Design of Wastewater Treatment Plants 3

Credits

Include Unit operations in wastewater treatment; physical, chemical, and biological processes for Treatment of wastewater, sludge treatment and disposal; design of a wastewater treatment and disposal; design of a wastewater treatment plant; site visits to wastewater treatment plants.

805 Soil Mechanics**3****Credits**

Include Basic principles of soil mechanics and fundamentals of application in engineering practice; soil composition and texture; classification; permeability and seepage; consolidation; settlement; shear strength; lateral earth pressures; fundamentals of retaining structures, shallow and deep foundations, slope stability; sub-surface exploration.

806 Structural Analysis**3****Credits**

Include Analysis of statically determinate and indeterminate beams, trusses, and rigid frames; deflections by virtual-work, moment-area; influence lines; force methods; structural design loads, introduction to structural design, approximate methods management issues.

807 Hydrographic and Topographic Surveying**3****Credits**

Include Principles of conducting the field surveys necessary to prepare a hydrographic or topographic map. Project planning and scheduling; control surveys; data collection for mapping; level to establish datum, control surveys for photogrammetric mapping.

808 Air Pollution Effects, Measurement and Control**3****Credits**

Include the influence of man-caused pollution on the atmosphere, globally and locally. Evaluation of human health, economic and aesthetic effects of air pollution. Technique's for measurement of atmosphere pollutant concentrations and determination of local and regional air quality. Detailed presentation of air pollution sources and methods for their 'control. The role of the government in air pollution control.

809 Research Methodology**810 Organizational Behaviour****811 Advanced English and Effective Communication Skills****812 Theory and Practice of Management**

Second Semester

813 Waste Material Management

3

Credits

Include Properties and tests of waste materials used in the initial construction or repair of facilities (including buildings, transportation systems, utility systems, and reinforced earth), field measurement techniques to assess material performance capabilities. Technical report preparation.

814 Open Channel Hydraulic

3 Credits

Include analysis and characteristics of flow in open channels (natural and artificial); channel design considerations including uniform flow (rivers, sewers), flow measuring devices (weirs, flumes), gradually varied flow (back-water and other flow profiles, flood routing), rapidly varied flow (hydraulic jump, spillways), and channel design problems (geometric considerations, scour, channel stabilization, sediment transport).

815 Groundwater Hydraulics

3

Credits

Include Engineering fundamentals of groundwater flow. Mass and momentum conservation, diffusion, and dispersion. Applications to wells, recharge, plumes, and convective transport. Physical models and elementary numerical methods, including flow nets.

816 Hydrologic Design

3

Credits

Include an introduction to the design of engineering structures which control and/or utilize runoff, emphasizing the sizing of structures to meet hydrologic uncertainty. Apply principles and techniques from several disciplines, including hydrology, hydraulics. Probability and statistics. Specific techniques include flood frequency analysis; risk analysis; design storm and historic storm techniques; rainfall-runoff modeling.

817 Water Resources Engineering

3

Credits

Include Application of principles of hydraulics, hydrology and water control to problems in erosion control, flood control, water power, irrigation, navigation, and

river basin planning: includes design principles of water regulating structures.

818 Air Pollution Effects, Measurement and Control

3

Credits

Include the influence of man-caused pollution on the atmosphere, globally and locally. Evaluation of human health, economic and aesthetic effects of air pollution. Technique's for measurement of atmosphere pollutant concentrations and determination of local and regional air quality. Detailed presentation of air pollution sources and methods for their 'control. The role of the government in air pollution control.

819 Solid and Hazardous Wastes Engineering

3

Credits

Include basic concepts In designing, evaluating, and operating solid wastes storage, collection, and disposal systems, waste reduction, resource recovery, incineration and land disposal methods; hazardous waste engineering; legal, political, and administrative considerations.

820 Water Treatment Plant Design

3

Credits

Include preliminary studies and design of water treatment processes and subordinate plant facilities; project control of design project; unit operations in water treatment; groundwater treatment; preliminary cost estimates; introduction of computer-aided design concepts; site visits to water treatment plants.

821 Industrial Pollution Control

3

Credits

Include Characteristics and composition of industrial wastes, 'sampling and methods of analysis of industrial waste, and remedial measures for treatment, inplant conservation. material, reclamation, recycling and disposal.

822 Hazardous Waste Management

3

Credits

Include environmental regulations, remediation site characterization, contaminant characterization, detailed engineering and management considerations related to the design and operation of, hazardous waste remediation systems involving water pollution, air pollution, solid waste, and groundwater pollution.

Third Semester

1st Seminar

2nd Seminar

3rd Proposal Defence (Chapter 1-3)

Fourth Semester

Internal Defence (Chapter 1- 5)

External Examination Defence

Graduation

5.23 Ph.D. MANAGEMENT INFORMATION TECHNOLOGY COURSE OUTLINE

First Semester

900 An Introduction to Information Systems in Organizations. 3

Credits

Includes information concepts, data versus information, the characteristics of valuable information and the value of information.

901 Organization 3

Credits

Includes organizations, environments, and information, technology, information technologies, concepts and management, strategic information systems, business process reengineering and information technology.

902 Getting Started 3

Credits

Includes getting setup with all the right, a quick look under the hood of a desktop, choose your weapon, minimum specs for the family, workhorse, minimum specs for a office/home office, minimum specs for a gamer's, shopping for a monitor, get it on paper – how much printer do you need?, laser pros and cons, inkjet pros and cons, your best printer, get a good scanner, how scanners work, what to look for in a scanner, get the right CD-RW Drive, how CD-RW Technology differs from CD-R, what to look for in a CD-RW.

903 Information System 3

Credits

Includes input, processing, output, and feedback, manual and computerized information systems, computer-based information systems.

904 Networks 3**Credits**

Includes network computing, discovery, communication, and collaboration, electronic commerce, impacts of it on organizations, individuals, and society.

905 Set up Your Home Computer 3**Credits**

Includes get it all out in the open, connect your system, connect the components, power up, work it, Healthy computing with basic ergonomics put your chair in position, position, your computer, do all those ergonomic gadgets really work?.

906 Business Information Systems 3**Credits**

Includes electronic commerce, transaction processing systems and ERP, information and decision support systems, special-purpose business information systems: artificial intelligence, expert systems, and virtual reality.

907 Orchestrate Your PDA, Cell Phone, and Web Companion 3**Credits**

Includes make 1+1+1=1 with hybrid mobile devices, take the internet on the road with your cell phone, partner up your personal digital assistant, if a pager is your main pal, hot trends in mobile devices, synch your devices, synchronize your data with web apps, practice safe synching.

908. Research Methodology**909 Organizations and Information Systems. 3****Credits**

Includes technology, diffusion, infusion, and acceptance, competitive advantage, factors that lead firms to seek competitive advantage strategic planning for competitive advantage, performance-based information systems, productivity, quality, return on investment and the value of information systems.

910. Theory and Practice of Management

Second Semester

911 Managing Information

3

Credits

Includes planning for information technology and systems information technology economics systems development, managing information resources, control, and security.

912 Technology

3

Credits

Includes hardware and software, organizing data and information, telecommunications, the internet, intranets, and extranets, from railway station to whaleway station. Hardware, software, data and databases, telecommunications and the internet.

913 Software

3

Credits

Includes application software, types of application software, general-purpose application programs, systems software, system control programs, system support programs, system development programs, programming languages, the evolution of programming languages, high-level languages, new programming languages, internet-oriented languages, software development and case tools, software issues and trends, software licensing, software upgrades, shareware and freeware, software selection.

914 Lock Down Basic Security

3

Credits

Includes know what's bugging you, protect your personal information online, keep it to yourself, be careful of the company you keep, browse a trail, host your own web record that is web page, slam spam, ward off viruses, basic virus protection, when viruses attack, firewall your always-on connection, keep your E-Mail private, how E-Mail encryption works, how to use E-Mail encryption.

915 Business Information Systems

3

Credits

Includes electronic commerce and transaction processing systems, information

and decision support systems, and specialized business information systems: Artificial intelligence, expert systems, virtual reality, and other specialized systems.

916 Organizations, Environments, and Information Technology

3

Credits

Includes, the new world of business, business pressures, technological pressures, organizational responses, information systems and information technology, examples of information systems at work worldwide, managing accounting information across Asia, Russians live in Moscow and work in California, tracking UPS packages with pen computers, being trains its employees electronically, integrating finance, manufacturing, and sales increases customer satisfaction and productivity, crime fighting information technology, maximizing the value of John Deer's pension fund, web-based information systems at Oregon state, amazon.com changes the book selling industry, information technology developments and trends, general technological trends, networked computing, why should you learn about information technology?

Employment opportunities in information technology.

917 Tech TV's Computer User's Survival Guide

3

Credits

Includes set your preferences, handy windows preferences, set simple mac preferences, get the most from tech support, build your own PC-problem Life raft, Before you pick up the phone, when you realize your tech relationship is going nowhere, searcher's guide to tracking down tech support.

918 Systems Development and Social Issues

3

Credits

Includes systems development, security, privacy, and ethical issues in information systems and the internet, Song Book Music, Event-Driven Review of the University of Nairobi's Student Management Information System, Expert Systems Simplify Life for Automotive Manufacturer, Delta and Tellabs Seek Higher Return on Investment, Ddfining the internet music industry, On-Line Presence Gives Mortgage Broker.

919 Information Technologies, Concepts and Management

3

Credits

Includes information systems, concepts and definitions, classification of information systems, classification by organizational structure, classification by functional area, classification by support provided, the evolution of the support system, classification by system architecture, transactional and functional processing, transaction processing, functional management information systems, classification by the activity supported, the relationship between people and information systems, information infrastructure and architecture, infrastructure, new architecture, client/server, enterprise wide, computing, intranets, the internet, and extranets, managing information resources which resources are managed by whom? What is the role of the information systems department? Managing relationships with end users, managerial issues.

920 Bring it all Together in a Home Network

3

Credits

Includes a quick review of home networking options, stick with the classics – networking via Ethernet, tap those phone lines networking without wires, bring it all together in your home network, share drives and peripherals, share internet access, network your laptop.

Third Semester

921 Technology

3

Credits

Includes hardware and software, global deployment of software improves key business process, overview of hardware, hardware components, hardware components in action, processing and memory devices, power, speed, and capacity, processing characteristics and functions, memory characteristics and functions, multiprocessing, secondary storage access methods, secondary storage devices, input devices, output devices, computer system types, personal computers, midrange computers, mainframe computers supercomputers, European Weather Forecasters Rely on Blue Storm, systems software, operating systems, personal computer operating systems, workgroup operating systems, enterprise operating systems, consumer appliance operating systems, application software, types and functions of application software, personal application

software, workgroup application software, enterprise application software, programming language, software bugs, software licensing.

922 Strategic Information Systems

3

Credits

Includes strategic advantage and information technology, strategic information systems, elements of strategic management, porter's competitive forces model and strategies, the model, response strategies, how the model is used, porter's value chain analysis model, how the model is used, strategic information systems frame-works, porter and Miller's framework, Bakos and treacy framework, customer resource life cycle framework, a framework for global competition, the global business drivers framework, strategic information systems, applications, sustaining a strategic advantage, managerial issues.

923 Keeping on Top of the OS Situation

3

Credits

Includes a closer look through windows, the 9x version of the story, get down to business with NT, becoming experienced, taste the apple, getting along, the big apple, are you ready to leap to linux, this is not everyone's OS, the many faces of linux, go all the way with UNIX, breaking UNIX down, today's most exciting flavors of UNIX, embrace diversity and promote compatibility, run windows in linux, run windows programs on a Mac, run Mac programs on windows, run linux on a Mac, windows file sharing in linux.

924 Organizing Data and Information

3

Credits

Includes building brand loyalty with better decision making data, data management, the hierarchy of data, data entities, attributes, and keys, the traditional approach versus the database approach, data modeling, database models, database management systems, providing a user view, creating and modifying the database, storing and retrieving data, manipulating data and generating reports, administering databases, popular database management systems, selecting a database management system, database applications, linking the company database to the internet, data warehouses, data marts, and data mining, business intelligence, database technology improves airport security.

925 Business Process Reengineering and information Technology 3

Credits

Includes basic concepts and the need for BPR, definitions, when is business process reengineering needed? Problem of the stovepipe, fragmented piecemeal systems, integration, the principles of BPR and the role of it, characteristics of business process, reengineering, methodologies and frameworks for BPR, the enabling role of information technology, BPR and restructuring the organization, cycle time reduction, restructuring organization, the structure of networked organizations, empowerment, teams, virtual corporations, definitions and characteristics, the virtual corporations and inter-organizational, information systems, how it supports virtual corporations, some examples of it supported virtual corporations, total quality management and reengineering, nothing happens until you measure it, relevance of information systems, implementing reengineering, redesign, retool, reorchestrate, some implementation issues, when to use BPR, managerial issues.

926 Get Internet Access 3

Credits

Includes eyeing your internet connection options, choosing a cable modem connection, pros and cons, can you do cable modem?, weighing in on DSL, DSL pros and cons, can you use a DSL connection?, internet in the sky satellite internet access, fixed wireless ISPs hit the streets, pros and cons of fixed wireless internet connection, what you need for a fixed wireless connection, dial-up network connections, surf the slow lane, what's ahead for DUN?.

927 The Good Life Online 3

Credits

Includes browsing basics, choose a default browser, speed up your browser, download files, find and download goods from the net, must-have downloads, practice safe online shopping, talk it up online, chat with IRC, use instant messaging.

Fourth Semester

928 Telecommunications, the Internet, Intranets, and Extranets 3

Credits

Includes implementing a global network, an overview of telecommunications and networks, telecommunications, networks and distributed processing, use and functioning of the internet, how the internet works, accessing the internet, internet and telecommunication services, E-Mail and instant messaging, telnet and FTP, Chat rooms, internet phone and videoconferencing services, content streaming, shopping on the Web, web auctions, music, radio, and video on the internet, electronic data interchange, public network and specialized services, distance learning, web browsers, search engines, push technology, business uses of the web, intranets and extranets, management issues, web site bottlenecks, privacy and security.

929 Network Computing, Discovery, Communication, and Collaboration 3**Credits**

Includes the internet, overview and definitions, the information superhighway, benefits of the internet, supporting discovery, using the web, supporting communication, factors determining the uses of information technologies, supporting collaboration, groupware technology and infrastructure, workflow and screen-sharing systems, visual communications, electronic voice communication, group decision support systems, integrated technologies and lotus notes/domino, the intranet and the extranet, some internet implementation topics, ethics on the net, managerial issues.

930 Electronic Commerce and Transaction Processing Systems 3**Credits**

Includes grocer implements successful E-Commerce Business model, an introduction to electronic commerce, value chains in E-Commerce, business to business, business to consumer, consumer to consumer, E-Commerce applications, retail and wholesale, manufacturing, marketing, investment and finance, auctions, technology, infrastructure, and development, hardware, software, electronic payment systems, an overview of transaction processing systems, traditional transaction processing methods and objectives, transaction processing activities, order processing systems, purchasing and accounting systems, business resumption planning, enterprise resource planning, an overview of

enterprise resource planning, commonalities among ERP systems, advantages and disadvantages of ERP.

931 Windows Work

3

Credits

Includes speed up windows, get to the desktop faster, faster disk access, create a shortcut to the send To Menu, print fast with send To, find files fast in Windows, defrag those drives, make windows work better, run scandisk, troubleshoot windows with the system information application, save energy by giving your hard drive a Nap, install new programs on your palm with windows, stop ISP Disconnect in windows, find hidden icons in your DLL Files, make windows work like you do, restart windows without rebooting, create a halfway house for unwanted programs, kill that windows logon screen, build your own taskbar.

932 Information and Decision Support Systems

3

Credits

Includes decision making and problem solving, decision making as a component of problem solving, programmed versus nonprogrammed decision, optimization, satisfying, and heuristic approaches, management information systems in perspective, inputs to a management information system, outputs of a management information system, financials management information systems, manufacturing management information systems, marketing management information systems, human resource management information systems, other management information systems, overview of decision support systems, capabilities of a decision support system, a comparison of DSSs and MISs, the components of a decision support system, the database, the model base, the dialogue manager, group decision support systems, characteristics of a GDSS that enhance decision making, GDSS software, GDSS alternatives, executive support systems in perspective, capabilities of executive support systems, marketing MIS gives entertainment UK the Upper hand, campuship provides a centralized shipping system for distributed organizations, and store brand uses webservice to automate data entry.

933 Maximize Your Mac OS

3

Credits

Includes make good time with anyone's Mac, stop talking (To)Trash, and while you're shutting, things up, get rid of any desktop icon, use mac OS 9.1 keyboard

First Semester

Seminars Presentation

Sixth Semester

Proposal and Thesis Presentation

SCHOOL OF SCIENCIES

6.0 SCHOOL OF AGRICULTURE SPECIALTIES

6.1 PGD ELECTRICAL ENGINEERING

Courses

701 Electrodynamics **3**

Credits

Includes vendors analysis; potential theory; static and dynamic electric and magnetic fields; macroscopic theory of dielectric and magnetic materials; Maxwell's equations; boundary conditions.

702 Circuit Analysis. **3**

Credits

Includes Kirchhoff's laws, resistive sing the venin-Norton theories, small signal analysis, de operating pint, first-order circuits, second- order circuits, spice and circuit simulating methods. Sinusoidal steady state, phasors, poles and zeros of network functions, ideal transformation linear and non-linear two-port networks.

703 Circuits Laboratory 1 **3 Credits**

Includes experiments cover Kirchhoff's laws, inductors, basic operational amplifier circuits, and frequency response.

704 Circuits Laboratory. **3**

Credits

Includes experiments cover electronic device characteristics, limitations and applications of operational amplifiers, and feedback circuits.

705 Transmission lines and networks laboratory. **3**

Credits

Includes experiments demonstrating the principles of lumped and distributed transmission lines for transient and sinusoidal excitation. Standing wave patterns, impedance matching, and characteristics of microwave devices.

706 Electric Machines. **3**

Credits

Includes terminal characteristics of electric machines, elements of speed control, voltage regulation, and applications in systems. Emphasis on the experimental approach to the solution of complex physical problems.

707 Semiconductor properties laboratory. **3**

Credits

Includes introduction to some fundamental properties of semiconductor materials and devices through the use of characterization techniques common in modern electronic industry. These concepts include: charge carriers; energy band; space charge regions; carrier drift, diffusion and recombination; light emission; and lattice vibration.

708 Linear Active Circuit. I II;**3****Credits**

Includes direct coupled and operational amplifier characteristics; applications of feedback; practical aspects.

709 Nonlinear Electronic Circuit**3****Credits**

Includes an experiment study of selected nonlinear electronic circuits and devices using diodes, transistors, op-amps, timers, data converters, and logic components.

710 Research Methodology

711- Operation Management

712 Organizational Behaviour

Second semester**713 plasma.****3****Credits**

Includes vacuum systems, thermocouple and ionization gauges, plasma production by AC, DC and rf. Measurement of plasma density and temperature. Introduction to engineering problems of controlled fusion.

714 Biomedical Engineering Laboratory. II;**3****Credits**

Includes Application of engineering principles to problems in medicine and biology. Six experiments on biomedical instrumentation, prosthetic devices, measurement of physiological data and modeling of physiological systems.

715 Optoelectronics.**3****Credits**

Includes Light detection using photovoltaic and photoconductive detectors and phototransistors. Light generation using light emitting diodes and laser diodes. Light transmission using optical fibers. Optoisolators and optical switches. Light emitting diode and liquid crystal displays.

716 Laser. 3

Credits

Includes introduction to basic applications of field theory and quantum electro-optics through the use of the laser. Experiments include introduction to the laser, optical demonstration of field theory concepts, laser modulation and detection, binary signal filtering, laser-produced plasma, holography, and an optical Doppler radar.

717 Introductory Microprocessor. 3

Credits

Includes software and hardware experiments with a microcomputer system. Assembly language programming simple input / output interfacing, and interrupt processing in microcomputer systems.

718 Statistical Design and Control Plasma Aided Manufacturing. 3

Credits

Includes students will be introduced to statistical methods for measurement, calibration, data logging, control, experimental design and analysis using plasma-aided manufacturing as the vehicle.

719 Sensors laboratory. I, II; 3

Credits

Includes a hands-on introduction to a variety of different sensor types. Labs incorporate implementation concerns involving interference, isolation, linearity, amplification, and grounding.

720 Electrodynamics. 3

Credits

Includes static and dynamic electromagnetic fields; forces and work in

electromechanical systems; magnetic circuits; plane wave propagation; reflection of plane waves; uniform transmission lines.

Third Semester

721 signals and systems. I, II, SS; 3

Credits

Includes time-domain response and convolution; frequency-domain response using Fourier series, Fourier transform, Laplace transform; discrete Fourier series and transform; sampling; z-transform; relationships between time and frequency descriptions of discrete and continuous signals and systems.

722 Introduction to random signal analysis and statistics. 3

Credits

Includes introduction to probability, random variables, and random processes. Confidence intervals, introduction to experimental design and hypothesis testing. Statistical averages, correlation, and spectral analysis for wide sense stationary processes. Random signals and noise in linear systems.

723 State Space Systems Analysis. II; 3

Credits

Includes analysis of systems using matrix methods to write and solve state-variable differential equations. Additional topics include stability, controllability, observability, state feedback, observers, and dynamic output feedback.

724 Microelectronic Devices. I, II; 3

Credits

Includes characteristics of semiconductors; study of physical mechanism and circuit modeling of solid state electronic and photonic devices; principles of microelectronic processing and examples of integrated circuits.

725 Electronic circuits I. 3

Credits

Includes a first course in modeling, characterization, and application of semiconductor devices and integrated circuits. Development of appropriate models for effect transistors, and non-ideal op-amps. Application in analysis and design of linear amplifiers. Frequency domain characterization of transistor

circuits.

726 Electronic Circuits II. I, II; 3

Credits

Includes A second course in modeling and application of semiconductor devices and integrated circuits. Advanced transistor amplifier analysis, including feedback effects. Design for power amplifiers, op-amps, analog filters, oscillators, A/D and D/A converters, and power converters. Introduction to transistor level design of CMOS digital circuits.

727 Semiconductor Physics and devices. II; 3

Credits

Includes band model and carrier transport in semiconductors, excess carriers, p-n junctions, contacts and surfaces, physics of devices including bipolar and field effect transistors, diodes, photo devices, SCR's, thin film structures.

Fourth Semester

728 Digital logic laboratory. I, II SS; 3

Credits

Includes logic gate characteristics, combinational logic, latches and flip-flops, synchronous and asynchronous sequential logic, simple systems.

729 Project 6 Credits

6.2 Ph.D. IN DEMOGRAPHICAL STATISTICS COURSE OUTLINE

First Semester

900 Introduction to Cultural Geography 3

Credits

Includes effects of demographic characteristics, resource potentialities and cultural resources upon the growth, distribution, density, and settlement of forms of the world's population.

902 Global Physical Environment 3

Credits

Includes global distribution processes of climate, weather, ecosystem, landforms,

and soils, emphasizing interrelationships.

903 Atmosphere Environment and Society 3

Credits

Includes changing interactions between humans, other animals and plants, and the atmospheric environment, both in time and space.

904 Resources and People 3

Credits

Includes human population growth and its impact on the earth's resources, including food, energy, physical materials, flora, biota, and landscapes; the geography of resource availability and the limits of the earth as producer of resources, the importance of attitudes and values in resource use.

905 Statistical Methods for Clinical Trials 3

Credits

Includes Statistical issues in the design of clinical trials, basic survival analysis, data collection and sequential monitoring. Intended for statistics graduate students; those with medical backgrounds should take Stat

906 Statistical Methods for Epidemiology 3

Credits

Includes methods for analysis of case-control, cross sectional, and cohort studies. Covers epidemiologic study design, measures of association, rates, classical contingency table methods, and logistic and Poisson regression.

907 Practicum in Coordinating Centre Methods 3

Credits

Includes practicum in the operation of a coordinating centre in a clinical trial or epidemiologic study. Covers organization, randomization, forms design and collection, quality control and other operational responsibilities of coordinating centres.

908 The Human Role in Changing Face of the Earth 3

Credits

Includes a view of people in prehistory and through the historical record (to 1900 A.D) as active agent the alteration of the ecosphere.

909 Research Methodology 3

Credits

910 Theory of Management 3

Credits

911 Organization 3

Credits

Second Semester

911 Introduction of the City 3

Credits

Includes analysis of the distributions of cities, their functions, character and relationships with their surrounding regions, and the areal patterns within cities; the spatial variation of population, economic activity, and land uses.

912 Regional Development and Planning 3

Credits

Includes analysis of the human organization of the environment and an evaluation of those principles of regional science which have been developed to promote more desirable forms of spatial organization.

913 Climatology 3

Credits

Includes elements and controls of climate and the distribution of world climates. Emphasis on regional dynamic climatology.

914 Analysis of the Physical Environment 3

Credits

Includes selected associations of natural and human environments illustrative of the broad principles of physical geography. Practical application of data collection and the use of laboratory and field methods to Wisconsin examples employing quantitative and non-quantitative analytical methods.

915 Our Hazardous Environment 3

Credits

Includes an analysis of the unexpected hazardous elements of our physical

environment as hurricanes, tornadoes, floods, earthquakes, their physical characteristics, regional distribution, economic aspects, and human adjustments.

916 Vegetation: Stability and Change 3

Credits

Includes vegetation in environmental systems; vegetation dynamics in natural and human altered environments; impacts of human activities upon vegetation in North America with emphasis on changes since the European settlement.

917 Environmental Conservation 3

Credits

Includes ecological and cultural backgrounds of conservation, problems of resource and environmental quality management, and pressing issues of population, foods, energy, and pollution.

918 Africa South of Sahara 3

Credits

Includes physical and human distributions and interrelations, with emphasis on the spatial processes and patterns of modernization.

Third Semester

919 Soils of the World 3

Credits

Includes the geography of solid – soil forming processes and soil types, focusing on soil – landscape relationships.

920 Environment and Human Experience 3

Credits

Includes the physical environment, both natural and built, affects human lives profoundly. This course studies how human beings are connected with the environment through experiences, and how they make cultures and selves through these connections.

921 Past Climate and Climatic Change 3

Credits

Includes climatic change throughout geologic time, especially in the criteria, paleogeography and paleoclimatology, climate models.

922 Environmental Geography and Conservation in

3

Includes analysis of biophysical and human – geography aspects of environmental modification associated with economic development and social change in developing countries. Includes ecological assessment, geography of economic development, and environmental conservation.

3

Includes description and analysis of humid – tropical ecosystems, with emphasis on the relationships, production potential and human modification of biotic resources.

3

Includes scientific methods in collecting, reporting and interpreting information; inferences and decisions in the elements of probability; random variables; binomial and normal probability distributions; point and interval estimation of means and proportion; tests of statistical hypotheses; estimation of variances.

3

Includes element of probability, important discrete distributions, acceptance sampling by attributes, sample characteristics, probability distributions and population characteristics, the normal distribution, acceptance sampling plans based on sample means and variances, sampling from the normal, the central limit theorem, point and interval estimation.. Includes tests of hypotheses, control charts, goodness of fit tests; order statistics and nonparametric tests; regression theory, analysis of variance.

3

Includes an introduction to regression with emphasis on the practical rather than the theoretical aspects. Begins with fitting a straight line, converts this problem

into matrix terms and then proceeds to fitting and evaluation of general linear models.

928 Introduction to Time Series 3

Credits

Includes autocorrelation, elements of spectral analysis; dynamic models; autoregressive and moving average models; identification and fitting; forecasting; seasonal adjustment; applications in the social sciences and environmental studies.

929 Introductory Nonparametric Statistics 3

Credits

Includes distribution free statistical procedures or methods valid under non-restrictive assumptions: basic tools; counting methods; order statistics, ranks; distribution free tests and associated interval and point estimators; sign test; signed rank tests; rank tests; Mann Whitney Wilcoxon procedures; Kolmogorov Smirnov tests; permutation methods; methods for discrete data with zeros and ties; computer techniques and programs; discussion and comparison with parametric methods.

930 Introductory Applied Statistics for the Life Sciences 3

Credits

Includes the courses will provide students in the life sciences with an introduction to modern statistical practice. Topics include: exploratory data analysis, probability and random variables; one-sample testing and confidence intervals, role of assumptions, sample size determination, two-sample inference; basic ideas in experimental design, analysis of variance, linear regression, goodness-of fit; biological applications.

931 Mathematical Statistics 3

Credits

Includes review of probability, random variables and vectors and their distributions, moments and inequalities, generating functions, transformations of random variables, sampling and distribution theory, convergence concepts for sequences of random variables, laws of large numbers, central limit and other limit theorems.

932 Introduction to Statistical Inference 3

Credits

Includes conditioning, distribution theory, approximation to distributions, modes of convergence, limit theorems, statistical models, parameter estimation, comparison of estimators, confidence sets, theory of hypothesis tests, introduction to Bayesian inference and nonparametric estimation.

933 Sample Survey Theory and Method 3

Credits

Includes simple random sampling; stratified random sampling; sub sampling with units of equal and unequal size; double sampling; multi-stage and multi-phase sampling; Bayesian and other approaches.

934 Introduction to Stochastic Processes 3

Credits

Includes classification, recurrence, transience, limit theory. Renewal theory, Markov processes, birth-death processes. Applications to queuing, branching, and other models in science, engineering and business. Topics drawn from semi-Markov processes, martingales, Brownian motion.

Fifth Semester

Seminars Presentation

Sixth Semester:

Proposal and Thesis Defence

6.3 MSc. IN MATHEMATICAL COURSE OUTLINE

First Semester

801 Principles Mathematics 3

Credits

Includes scientific methods in collecting, reporting and interpreting information; inferences and decisions in the elements of probability; random variables; binomial and normal probability distributions; point and interval estimation of means and proportion; tests of statistical hypotheses; estimation of variances.

802 Introduction to Mathematical Statistics 3

Credits

Includes element of probability, important discrete distributions, acceptance sampling by attributes, sample characteristics, probability distributions and population characteristics, the normal distribution, acceptance sampling plans based on sample means and variances, sampling from the normal, the central limit theorem, point and interval estimation.. Includes tests of hypotheses, control charts, goodness of fit tests; order statistics and nonparametric tests; regression theory, analysis of variance.

803	Applied Regression Analysis	3
	Credits	

Includes an introduction to regression with emphasis on the practical rather than the theoretical aspects. Begins with fitting a straight line, converts this problem into matrix terms and then proceeds to fitting and evaluation of general linear models.

804	Introduction to Time Series	3
	Credits	

Includes autocorrelation, elements of spectral analysis; dynamic models; autoregressive and moving average models; identification and fitting; forecasting; seasonal adjustment; applications in the social sciences and environmental studies.

805	Introductory Nonparametric Statistics	3
	Credits	

Includes distribution free statistical procedures or methods valid under non-restrictive assumptions: basic tools; counting methods; order statistics, ranks; distribution free tests and associated interval and point estimators; sign test; signed rank tests; rank tests; Mann Whitney Wilcoxon procedures; Kolmogorov Smirnov tests; permutation methods; methods for discrete data with zeros and ties; computer techniques and programs; discussion and comparison with parametric methods.

806	Numerical Solutions of Algebraic	3
	Credits	

Includes the courses will provide students in the life sciences with an introduction

to modern Algebraic practice. Topics include: exploratory data analysis, probability and random variables; one-sample testing and confidence intervals, role of assumptions, sample size determination, two-sample inference; basic ideas in experimental design, analysis of variance, linear regression, goodness-of fit; biological applications.

807 An Introduction to sample Survey Theory & Methods 3

Credits

Includes Elementary development of the statistical theory used to design and analyze the results from sample surveys.

808 Applied Categorical Data Analysis 3

Credits

Includes methods of analyzing multidimensional contingency tables, emphasis on practical applications. The use of computing packages for analysis of such data. Model selection, testing goodness of fit, estimation of parameters, measures of association and methods of detecting sources of significance.

Research Methodology 3

Credits

Organization Behaviour 3

Credits

Operation Management 3

Credits

Second Semester

809 Numerical Solutions of Equation and Experimental Design for Engineers 3

Credits

Includes concepts of randomization, blocking, confounding, transformations, replication; block designs, factorial and fractional methodology, evolutionary operation, and response – surface methodology.

810 Reliability 3

Credits

Includes engineering reliability, analysis of failure data, estimates of hazard rates and failure distributions for the reliability of components and/or systems, acceptance sampling plans for quality control.

811 Introduction to Theory of Probability 3

Credits

Includes probability in discrete sample space; combinatorial analysis; conditional probabilities, stochastic independence, Laplace limit theorem, Poisson distribution, laws of large numbers, random variables, central limit theorem, applications.

812 Practice of Management

813 Introduction to Combinations 3

Credits

Includes problems of enumeration, distribution, and arrangement. Inclusion-exclusion principle. Generating functions and linear recurrence relations. Combinatorial identities. Graph colouring problems. Finite designs. Systems of distinct representatives and matching problems in graphs. Potential applications in the social, biological, and physical sciences. Puzzles. Problem solving.

814 Linear Programming Methods 3

Credits

Includes real linear algebra over polyhedral cones; theorems of the alternative for matrices. Formulation of linear programs. Duality theory and solvability. The simplex method and related methods for efficient computer solution. Perturbation and sensitivity analysis. Applications and extensions, such as game theory, linear economic models, and quadratic programming.

815 Introduction to Biostatistics 3

Credits

Includes Course designed for the biomedical researcher. Topics includes: descriptive statistics, hypothesis testing, estimation, confidence intervals, t-tests, chi-squared tests, analysis of variance, linear regression, correlation, nonparametric tests, and survival analysis and odds ratio. Biomedical applications used for each topic.

815 Introduction to Clinical Trials 3

Credits

Includes Intended for biomedical researchers interested in the design and analysis of clinical trials. Topics include definition of hypotheses, measures of

effectiveness, sample size, randomization, data collection and monitoring, and issues in statistical analysis. Statistics graduate students should take Stat

816 Mathematical Methods for Bioscience 3

Credits

Includes Descriptive statistics, distributions, one- and two-sample normal inference, power, one-way Anova, simple linear regression, categorical data, non-parametric methods; underlying assumptions and diagnostic work.

817 Mathematical Statistical Methods for Bioscience II 3

Credits

Includes continuation of Forestry. Polynomial regression, multiple regressions, two-way Anova with and without subtraction, split-plot design, sub sampling, analysis of covariance, elementary sampling, introduction to bioassay.

818 Mathematical Statistics 3

Credits

Includes review of probability, random variables and vectors and their distributions, moments and inequalities, generating functions, transformations of random variables, sampling and distribution theory, convergence concepts for sequences of random variables, laws of large numbers, central limit and other limit theorems.

819 Introduction to Statistical Inference 3

Credits

Includes conditioning, distribution theory, approximation to distributions, modes of convergence, limit theorems, statistical models, parameter estimation, comparison of estimators, confidence sets, theory of hypothesis tests, introduction to Bayesian inference and nonparametric estimation.

3rd and 4th Semesters

Seminars: 1 and 2

Thesis Presentation

6.4 MSc. Library Science and Information COURSE OUTLINE

First Semester

801 An Introduction to Library Information 3

Credits

Includes information concepts, data versus information, the characteristics of valuable information and the value of information.

802 Library Organization 3

Credits

Includes organizations, environments, and information, technology, information technologies, concepts and management, strategic information systems, business process reengineering and information technology.

803 Information System 3

Credits

Includes input, processing, output, and feedback, manual and computerized information systems, computer-based information systems.

804 Library Networks 3

Credits

Includes network computing, discovery, communication, and collaboration, electronic commerce, impacts of it on organizations, individuals, and society.

805 Electronic Library 3

Credits

Includes get it all out in the open, connect your system, connect the components, power up, work it, Healthy computing with basic ergonomics put your chair in position, position, your computer, do all those ergonomic gadgets really work?.

806 Business Information Systems 3

Credits

Includes electronic commerce, transaction processing systems and ERP, information and decision support systems, special-purpose business information systems: artificial intelligence, expert systems, and virtual reality.

807 Cataloguing 1 3

Credits

Includes make 1+1+1=1 with Definition, Scope and overview of the contents

808 Research Methodology 3

Credits

809 Organizations and Information Systems. 3

Credits

Includes technology, diffusion, infusion, and acceptance, competitive advantage, factors that lead firms to seek competitive advantage strategic planning for competitive advantage, performance-based information systems, productivity, quality, return on investment and the value of information systems.

810 Theory and Practice of Management (General) 3

Credits

811 Advanced English Language and Communication Skills (General) 3

Credits

812 Research Methodology (General) 3

Credits

Second Semester

813 Managing Information 3

Credits

Includes planning for information technology and systems information technology economics systems development, managing information resources, control, and security.

814 Library Technology 3

Credits

Includes hardware and software, organizing data and information, telecommunications, the internet, intranets, and extranets, from railway station to whaleway station. Hardware, software, data and databases, telecommunications and the internet.

815 Library Software 3

Credits

Includes application software, types of application software, general-purpose

application programs, systems software, system control programs, system support programs, system

development programs, programming languages, the evolution of programming languages, high-level languages, new programming languages, internet-oriented languages, software development and case tools, software issues and trends, software licensing, software upgrades, shareware and freeware, software selection.

816 Reference Tools and Services

3

Credits

Includes know what's bugging you, protect your personal information online, keep it to yourself, be careful of the company you keep, browse a trail, host your own web record that is web page, slam spam, ward off viruses, basic virus protection, when viruses attack, firewall your always-on connection, keep your E-Mail private, how E-Mail encryption works, how to use E-Mail encryption.

817 Classification

3

Credits

Includes electronic commerce and transaction processing systems, information and decision support systems, specialized business information systems: Artificial intelligence, expert systems, virtual reality, and other specialized systems and all forms of classification processes

818 Sociology of Library and Information Technologies, Concepts and

Management

3

Credits

Includes information systems, concepts and definitions, classification of information systems, classification by organizational structure, classification by functional area, classification by support provided, the evolution of the support system, classification by system architecture, transactional and functional processing, transaction processing, functional management information systems, classification by the activity supported, the relationship between people and information systems, information infrastructure and architecture, infrastructure,

new architecture, client/server, enterprise wide, computing, intranets, the internet, and extranets, managing information resources which resources are managed by whom? What is the role of the information systems department? Managing relationships with end users, managerial issues.

819 Book Production Processes

3

Credits

Includes a quick review of manuscripts, typesetting, lithographic, impression to finishing.

Third and Fourth Semesters

Seminar 1

Seminar 11

Proposal Defence

Internal Defence

External Defence

6.5 Ph.D IN DEMOGRAPHICAL STATISTICS COURSE OUTLINE

First Semester

900 Introduction to Cultural Geography

3

Credits

Includes effects of demographic characteristics, resource potentialities and cultural resources upon the growth, distribution, density, and settlement of forms of the world's population.

902 Global Physical Environment

3

Credits

Includes global distribution processes of climate, weather, ecosystem, landforms, and soils, emphasizing interrelationships.

903 Atmosphere Environment and Society

3

Credits

Includes changing interactions between humans, other animals and plants, and the atmospheric environment, both in time and space.

904 Resources and People 3

Credits

Includes human population growth and its impact on the earth's resources, including food, energy, physical materials, flora, biota, and landscapes; the geography of resource availability and the limits of the earth as producer of resources, the importance of attitudes and values in resource use.

905 Statistical Methods for Clinical Trials 3

Credits

Includes Statistical issues in the design of clinical trials, basic survival analysis, data collection and sequential monitoring. Intended for statistics graduate students; those with medical backgrounds should take Stat

908 Statistical Methods for Epidemiology 3

Credits

Includes methods for analysis of case-control, cross sectional, and cohort studies. Covers epidemiologic study design, measures of association, rates, classical contingency table methods, and logistic and Poisson regression.

909 Practicum in Coordinating Centre Methods 3

Credits

Includes practicum in the operation of a coordinating centre in a clinical trial or epidemiologic study. Covers organization, randomization, forms design and collection, quality control and other operational responsibilities of coordinating centres.

908 The Human Role in Changing Face of the Earth 3

Credits

Includes a view of people in prehistory and through the historical record (to 1900 A.D) as active agent the alteration of the ecosphere.

909 Research Methodology 3

Credits

910 Theory of Management 3

Credits

911 Organization 3

Credits

Second Semester

911 Introduction of the City 3

Credits

Includes analysis of the distributions of cities, their functions, character and relationships with their surrounding regions, and the areal patterns within cities; the spatial variation of population, economic activity, and land uses.

912 Regional Development and Planning 3

Credits

Includes analysis of the human organization of the environment and an evaluation of those principles of regional science which have been developed to promote more desirable forms of spatial organization.

913 Climatology 3

Credits

Includes elements and controls of climate and the distribution of world climates. Emphasis on regional dynamic climatology.

914 Analysis of the Physical Environment 3

Credits

Includes selected associations of natural and human environments illustrative of the broad principles of physical geography. Practical application of data collection and the use of laboratory and field methods to Wisconsin examples employing quantitative and non-quantitative analytical methods.

915 Our Hazardous Environment 3

Credits

Includes an analysis of the unexpected hazardous elements of our physical environment as hurricanes, tornadoes, floods, earthquakes, their physical characteristics, regional distribution, economic aspects, and human adjustments.

916 Vegetation: Stability and Change 3

Credits

Includes vegetation in environmental systems; vegetation dynamics in natural and human altered environments; impacts of human activities upon vegetation in North America with emphasis on changes since the European settlement.

917 Environmental Conservation 3

Credits

Includes ecological and cultural backgrounds of conservation, problems of resource and environmental quality management, and pressing issues of population, foods, energy, and pollution.

918 Africa South of Sahara 3

Credits

Includes physical and human distributions and interrelations, with emphasis on the spatial processes and patterns of modernization.

Third Semester|

919 Soils of the World 3

Credits

Includes the geography of solid – soil forming processes and soil types, focusing on soil – landscape relationships.

920 Environment and Human Experience 3

Credits

Includes the physical environment, both natural and built, affects human lives profoundly. This course studies how human beings are connected with the environment through experiences, and how they make cultures and selves through these connections.

921 Past Climate and Climatic Change 3

Credits

Includes climatic change throughout geologic time, especially in the criteria, paleogeography and paleoclimatology, climate models.

922 Environmental Geography and Conservation in Developing Countries 3

Credits

Includes analysis of biophysical and human – geography aspects of environmental modification associated with economic development and social change in developing countries. Includes ecological assessment, geography of economic development, and environmental conservation.

924 The Humid Tropics: Ecology, Subsistence, and Development 3

Credits

Includes description and analysis of humid – tropical ecosystems, with emphasis on the relationships, production potential and human modification of biotic resources.

Fourth Semester

925 Principles of Statistics 3

Credits

Includes scientific methods in collecting, reporting and interpreting information; inferences and decisions in the elements of probability; random variables; binomial and normal probability distributions; point and interval estimation of means and proportion; tests of statistical hypotheses; estimation of variances.

926 Introduction to Mathematical Statistics 3

Credits

Includes element of probability, important discrete distributions, acceptance sampling by attributes, sample characteristics, probability distributions and population characteristics, the normal distribution, acceptance sampling plans based on sample means and variances, sampling from the normal, the central limit theorem, point and interval estimation.. Includes tests of hypotheses, control charts, goodness of fit tests; order statistics and nonparametric tests; regression theory, analysis of variance.

935 Applied Regression Analysis 3

Credits

Includes an introduction to regression with emphasis on the practical rather than the theoretical aspects. Begins with fitting a straight line, converts this problem into matrix terms and then proceeds to fitting and evaluation of general linear models.

936 Introduction to Time Series 3

Credits

Includes autocorrelation, elements of spectral analysis; dynamic models; auto-

941 Sample Survey Theory and Method 3

Credits

Includes simple random sampling; stratified random sampling; sub sampling with units of equal and unequal size; double sampling; multi-stage and multi-phase sampling; Bayesian and other approaches.

942 Introduction to Stochastic Processes 3

Credits

Includes classification, recurrence, transience, limit theory. Renewal theory, Markov processes, birth-death processes. Applications to queuing, branching, and other models in science, engineering and business. Topics drawn from semi-Markov processes, martingales, Brownian motion.

Fifth Semester

Seminars Presentation

Sixth semester:

Proposal and Thesis Defence

6.6 Ph.D GEOPHYSICS

901 Mechanics 3

Credits

Includes origin and development of classical mechanics; mathematical techniques, especially vector analysis; conservation laws and their relation to symmetry principles; brief introduction to orbit theory and rigid-body dynamics; accelerated coordinate formalisms of language and Hamilton.

902 Electric Circuits and Electronics 3

Credits

Includes direct current circuits, circuits theorems, alternating current circuits, transients, non – sinusoidal sources, Fourier analysis, characteristics of semiconductor devices, typical electronic circuits, feedback, non – linear circuits; digital and logic circuits.

903 ElectromagneticFields 3

Credits

Includes electronic fields, capacitance, multi-pole expansion, dielectric theory; magneto statics; electromagnetic induction; magnetic properties of matter; Maxwell's equations and electro-magnetic waves; relatively and electromagnetism.

904 Wave Motion and Optics 3**Credits**

Includes wave phenomena with specific applications to waves in medial and electromagnetic phenomena. Wave equations, propagation, radiation, coherence, interference, diffraction, scattering. Light and its interaction with matter, geometrical and physical optics. Experiments for this course are covered in physics.

905 Thermal Physics 3**Credits**

Includes thermodynamics, kinetic theory of gases, and statistical mechanics.

906 Computational Physics 3**Credits**

Includes addresses a group of fundamental physics problems that are not analytically tractable but amenable to computational techniques. The topics will be chosen from relativistic dynamics, quantum theory of bound state and scattering systems, thermal and hydrostatic equilibrium in stars.

907 Atomic & Quantum Physics 3**Credits**

Includes review of atomic and applications to molecular, solid state, nuclear, and elementary particle physics and quantum covered statistics. Experiments underlying this course are covered in physics.

908 Radioisotopes in medicine and Biology. 3**Credits**

Includes Physical principles of operation of related equipment; lecture and lab.

909 Research Methodology

910 Advanced English Language and Communication skills

911 Organizational Behaviour

912 Operation Management

Second Semester

913 Scientific Background to Global Environmental Problems. 3

Credits

Includes A one-semester course designed to provide those elements of physics, atmospheric sciences, chemistry, biology and geology which are essential to problems. Specific examples of such problems include global warming, stratospheric ozone depletion, acid rain and environmental toxins.

914 Radiological Physics and Dosimetry. 3

Credits

Includes interactions and energy deposition by ionizing radiation in matter; concepts, quantities and units in radiological physics; principles and methods of radiation dosimetry.

915 Introduction to Plasmas. 3

Credits

Includes Theory of plasmas. Plasma kinetic theory, collisional processes, orbit theory, and the measurement. One course each in electromagnetic fields and in mechanics beyond elementary physics.

916 Plasma Confinement and Heating. 3

Credits

Includes Principles of magnetic confinement and heating of plasmas for controlled thermonuclear fusion: Magnetic field structures, single particle orbits, equilibrium, stability, collisions, transport, heating, modeling and diagnostics. Discussion of current leading confinement concepts.

917 Introduction to Quantum Mechanics. 3

Credits

Includes Historical background and experimental basis, de Broglie waves, correspondence principle, uncertainty principle, Schrodinger equation, hydrogen atom, electron spin, Pauli principle; applications of wave mechanics.

Third Semester

918 Introduction to Particle Physics. 3

Credits

Includes introduction to particles, antiparticles and fundamental interactions; detectors and accelerators; symmetries and conservation laws; electroweak and colour interactions of quarks and lepton; unification theories.

919 introduction to Atomic Structure. 3

Credits

Includes Nuclear atom; hydrogen atom; Bohr-Somerfield model, wave model, electron spin, description of quantum electron spin, description of quantum electrodynamics effects; external fields; many-electron atoms; central field, Pauli principle, multiplets, periodic table, x-ray spectra, vector coupling systematic of ground states; nuclear effects in atomic spectra.

920 Lasers. 3

Credits

Includes General principles of laser operation; laser oscillation conditions; optical resonators; methods of pumping lasers, gas discharge lasers, e-beam pumped lasers, solid state lasers, chemical lasers, and dye lasers; gain measurements with lasers; applications of lasers.

921 Atomic Collision with Applications to Gaseous Electronics. 3

Credits

Includes Principles of both electron and heavy particle collisions with atom and molecules. These collisions will be illustrated by their use in modeling gas discharges.

922 Solid State Physics. 3

Credits

Includes Mechanical, thermal, electric, and magnetic properties of solids; band theory; semiconductors; crystal imperfections.

923 Electronic Aids to Measurement. 3 Credits

Includes Fundamentals of electronics, electronic elements, basic circuits; combinations of these into measuring instruments.

924 Applied Optics. 3

Credits

Includes Optical methods in research and technology. Reflection, refraction, absorption, scattering. Imaging. Sources and sensors. Schlieren methods. Interferometry. Instrumental spectroscopy. Fourier optics, image processing, holography. Laser technology, Gaussian beams, nonlinear optics.

925 Science for Critical Technologies. 3

Credits

Includes Explores how basic science impacts cutting-edge technology, using specific examples taken from technologies of critical importance to the US economy.

Fourth Semester

926 Statistical Mechanics. 3

Credits

Includes Statistical foundation, Liouville's theorem, ensembles, classical and quantum distribution functions, entropy and temperature, connection with thermodynamics, partition functions, quantum gases, non-ideal gases, non-ideal gases, phase transitions and critical phenomena, non-equilibrium problems, Boltzmann equation and the H. theorem, transport properties, applications of statistical mechanics to selected problems.

928 Relativity. 3

Credits

Includes special and general theories of relativity, relativistic electrodynamics, cosmology, unified field theories.

929 Theoretical Physics – Electrodynamics. 3

Credits

Includes electrostatics, magneto statics, Green functions, boundary value problems, macroscopic media Maxwell's equations, the stress tensor and conservation laws, electromagnetic waves, wave propagation, dispersion,

waveguides, radiation, multipole expansions, diffraction and scattering, special relativity, covariance of Maxwell's equations, Lienard-Wiechert potentials, radiation by accelerated charges.

930 Waves and Instabilities in Plasmas, 3

Credits

Includes wave-plasma interactions, waves in a hot plasma, Landau damping, cyclotron damping, magneto-hydrodynamic equilibria and instabilities, micro-instabilities, introduction to nonlinear processes, and experimental applications.

931 Plasma Kinetic Theory and Radiation Processes. 3

Credits

Includes Coulomb collisions, Boltzman equation, Fokker-Planck methods, dynamical friction, neoclassical diffusion, collision operators' radiation processes and experimental applications.

932 Plasma Magnetohydrodynamics. 3

Credits

Includes MHD equations and validity in hot plasmas; magnetic structure and magnetic flux coordinates; equilibrium in various configurations; stability formulation, energy principle, classification of instabilities; ideal and resistive instability in various configurations, evolution of nonlinear tearing modes; force-free equilibria, helicity, MHD dynamo; experimental applications.

933 Quantum Mechanics. 3

Credits

Includes Schrodinger equation, operator theory, metric mechanics, transformation theory, Heisenberg representation, orbital angular momentum, bound-state problems, scattering theory, stationary perturbation theory, degenerate systems, time-dependent perturbation theory. Born approximation, other approximation methods.

Fifth Semester

934 Linear Waves. 3

Credits

Includes General considerations of linear wave phenomena; one dimensional

waves; two and three dimensional waves; wave equations with constant coefficients; inhomogeneous media; random media. Lagrangian and Hamiltonian formulations; asymptotic methods.

935 Coherent Generation and Particle Beams. 3

Credits

Includes Fundamental theory and recent advances in coherent radiation charged particle beam sources including free electron lasers, wiggler/wave-particle dynamics, Cerenkov masers, gyrotrons, coherent gain and efficiency, spontaneous emission, beam sources and quality, related accelerator concepts experimental results and applications.

936 Advanced Solid State Physics. 3

Credits

Includes Lattice dynamics; band theory, Fermi surfaces; electrodynamics of metals, optical properties; transport properties.

937 Physics of Space. 3

Credits

Includes Physics of the solar atmosphere; particles and fields in interplanetary space; dynamical behaviour, compositions, and interactions of interplanetary plasma.

938 Nonlinear Waves. 3

Credits

Includes General considerations of nonlinear wave phenomena; nonlinear hyperbolic waves; nonlinear dispersion; nonlinear geometrical optics; Whitham's variational theory; nonlinear and parametric instabilities; solitary waves; inverse scattering method.

Sixth Semester

1ST Seminar

2ND Seminar

3RD Seminar

Proposal Defence

Dissertation Presentation

SCHOOL OF MEDICAL SCIENCES

7.0 SCHOOL OF MEDICAL SCIENCES

7.1 Ph.D. HEALTH PLANNING AND MANAGEMENT

COURSE OUTLINE

1st SEMESTER

Course code	Course Title	Credit Units
DrHPM 700	Theory and practice of Health Planning and Management	5
DrHPM 701	History & Overview of Public Health	5
DrHPM 702	Strategic Planning for Health & Social Services Delivery	5
DrHPM 703	Primary Health Care- Principles & components	5
DrHPM 704	Health Information System & Computer Application	5
DrHPM 705	Epidemiology 1 & 2- Principles , Methods & advanced concepts (statistical epidemiological methods)	5
DrHPM 706	Preventive Medicine in Public Health Setting	5
DrHPM 708	Health Manpower Planning Development and Utilization	5
DrHPM 709	Public Speaking & Health Communication Skills	5
DrHPM 711	Health Economics/Financing, Budgeting & Accounting	5
DrHPM 712	Research Methodology- Experimental Trials & Advanced concepts	5
DrHPM 713	The Nigerian Healthcare System	5
DrHPM 714	Vaccines development, management & biotechnology	5
DrHPM 715	Epidemiology & Community Organisation for Health Planning and Promotion	5
	Seminar 1 (Airborne, Waterborne & Contagious diseases)	2
	Term Paper Presentations	

2nd SEMESTER

Course code	Course Title	Credit Unit
DrHPM 717	Advanced Research Methods, Statistics and Health System Research	5
DrHPM 718	Scientific Writing/Critiques & Medical Journalism	5
DrHPM 719	Strategic Quality Management in Health	5
DrHPM 721	Medical Statistics- Sample survey theory, methods, Stochastic & Markov Processes	5
DrHPM 722	Advanced Research Ethics	5
DrHPM 723	Operational Research in Health Planning & Management	5
DrHPM 724	Health Policy Analysis	5
DrHPM 725	Behavioural Aspect of Health Illness	5
DrHPM 726	Data management & Statistical inference	5

DrHPM 727	Legal & Ethical Issues in Health Care	5
DrHPM 728	Strategic Leadership & management	5
DrHPM 729	Organisational & Administration of Hospital	5
DrHPM 731	Strategic Planning Marketing Healthcare System	5
	Seminar 2 (HIV & AIDS; Tropical Medicine)	2
	Term Paper Presentations	

3rd SEMESTER

Course Code	Course Title	Credit Unit
DrHPM 801	Overview of Maternal & Child Health/Reproductive Health	5
DrHPM 802	Health Care Financing	5
DrHPM 803	Principles of Philosophy & Psychology	5
DrHPM 804	Quality assurance management-Best Practices	5
DrHPM 805	Principles of Financial Management- Accounting & Budgeting	5
DrHPM 806	Minimum Service Package for Health Interventions in Developing Countries	5
	Seminar 3 (Reproductive Health- Women, Child & adolescent Health)	2
	Term paper Presentations	

4th SEMESTER

Course code	Course Title	Credit Unit
DrHPM 807	Disaster Management in Public Health	5
DrHPM 808	Organizational Behaviour- Theories & Models	5
DrHPM 809	Managing Non-Governmental Organizations in Health Sector	5
DrHPM 810	Health Program Evaluation- M & E Fundamentals , Health Indicators	5
DrHPM 811	Medical ecology & Occupational Health (Overview & Ergonomics Legislation,Safety & hazard Prevention	5
DrHPM 812	International Health Care management & Global Health Challenges	5
	Seminar 4 (Health policing-Key Issues & Challenges)	
	Term Paper Presentation	2

5th SEMESTER

Course code	Course Title	Credit Unit
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DrHPM 901	An Overview of National Health System	5
DrHPM 902	Health Systems Strengthening & management capacity Building	5
DrHPM 903	Healthcare marketing & Brand management	5
DrHPM 904	Project Management- Project life cycle & Program implementation & monitoring	5
DrHPM 905	Corporate Proposals & Grants Management systems	5
DrHPM 906	Corporate Health Governance	5
DrHPM 907	International Health Diplomacy	5
DrHPM 908	Social & cultural impacts of Public Health	5
Seminar 5 (Tropical Medicine & Emerging Diseases)		
Term Paper Presentation		2

6TH SEMESTER

Thesis (8 credit units)

Seminar and Thesis Defense

COURSE OUTLINE

FIRST SEMESTER

DrHPM 801 Essentials of Family-Centered Perinatal and Paediatric Nursing 3

Credits

Include introduces principles of family-centered nursing care of women during perinatal period and of children from infancy through adolescence. Examines nursing strategies from health promotion, illness prevention, and coping with stressor frequently encountered during child-bearing, illness, injury, hospitalization.

DrHPM 802 Theoretical Foundations 3

Credits

This course provides students with opportunities to analyze historical, legal, cultural, economic and social factors that influence nursing/health care delivery. Nursing theories are presented as frameworks for practice. Students examine philosophical perspectives and discuss strategies for analyzing ethical dilemmas in nursing and health care.

DrHPM 803 Human Sexuality 3

Credits

Include concepts of human sexuality and their significance to nursing interventions with clients in various states of health.

DrHPM 804 Legal and Social Forces in Nursing 3

Credits

Include legal, social and ethical forces affecting the education of nurses and the practice of nursing.

DrHPM 805 Concepts of Professional Nursing Practice 3**Credits**

Include nursing theories, frameworks, and concepts, ethical, social and legal issues, students analyze their clinical nursing practice in order to reveal nursing knowledge embedded within practice.

DrHPM 806 Clinical: Community Health Nursing Practicum 3**Credits**

This practicum, located in community health nursing agencies, will provide student's opportunities for practice directed toward preservation and promotion of health and prevention of disease, illness and injury in population represented by the aged, parents, children and youth.

DrHPM 807 Advanced Concepts in Nursing Practice 3**Credits**

Content is presented to develop skill in the application of concepts and to develop clinical knowledge for nursing practice. Pattern recognition is used to analyze practice concepts within an illness-wellness trajectory, across settings and with diverse populations.

DrHPM 808 Essentials of Gerontological Nursing 3**Credits**

Include health and functional ability of the elderly population as they related to nursing practice are the focus of this course. Common health problems found in this population are studied with an emphasis on prevention and nursing management.

DrHPM 809 Nursing Research 3**Credits**

Nursing research emphasizes the role of the nurse as research consumer, focusing on both qualitative and quantitative research. Students develop skills and participate in the development of a research proposal, evaluate, and utilize

research findings in practice.

DrHPM 810 Organizational Behaviour 3

Credits

DrHPM 811 Research Methodology 3

Credits

SECOND SEMSTER

DrHPM 812 Management and Leadership in Nursing 3

Credits

This course examines the nurse as leader and manager in a variety of contexts and settings. Factors which promote or hinder the development of nursing leadership skills are explored, along with theories, processes, and behaviours of leadership and management.

DrHPM 813 Community Health Nursing 3

Credits

Course covered include community health nursing principles and roles. The course examines programs, services and institutions involved in promotion and maintaining the health of populations. Community health nursing also explores interrelationships among environmental factors, human responses and health status of clients.

DrHPM 814 Nursing Care of Persons and Families with Complex Health Care Needs3 Credits

Include the overall goal is the provision of comprehensive nursing care to a specific patient population. Scientific, theoretical, and experiential knowledge will form the basis for student nursing practice.

DrHPM 815 Primary Health Care in a School Settings 3

Credits

Include concepts related to total health needs of preschool and school age children, major focus on working individually with each child to develop a concept of health.

DrHPM 816 Practicum in School Nursing 3

Credits

Include health problems and their nursing management, e.g. critical care nursing, health promotion and prevention of disease, nursing of developmental disabilities.

DrHPM 817 Special Topics in Nursing 3

Credits

Special topics course is designed to provide a planned, systematic analysis of topics, issues and planned, systematic analysis of topics, issues and problems in the area of nursing.

DrHPM 818 Capstone Practicum for Registered Nurses 3

Credits

Include practicum for RN's based on the application of clinical decision-making in order to provide comprehensive nursing care to persons in inpatient and/or community settings.

DrHPM 819 Interdisciplinary Rural Primary Health Care Practice 3

Credits

Include using a framework of interdisciplinary health care teams and community-based practice models, the course focuses on the provision of primary health care services in rural and underserved population.

DrHPM 820 Advanced Assessment 3

Credits

Include courses focuses on development of advanced assessment and physical examination skills. Separate sections focus on different settings (acute care, primary care) and clinical populations (adults, aging, pediatrics, and women's health).

DrHPM 821 Theory and Practice of Management 3

Credits

THIRD AND FOURTH SEMESTERS

SEMINAR 1

SEMINAR 11

INTERNSHIP

THESIS DEFENSE

7.2 Ph.D. NURSING

Course Outline

901 Introduction to Associates' Degree Nursing 3

Credits

Include an introduction to the nursing program. The course is designed to provide nursing students with skills to complete the nursing program successfully. The student is introduced to the nursing process, contemporary nursing practice, and health care. Nursing as a profession and the ethical/legal implications are discussed.

902 Physical Assessment 3

Credits

Include using a systems approach and focusing on expected findings, the instructor will present didactic instrument and provide a demonstration of appropriate techniques in conducting a physical assessment. Students practice in small dyads with instructor guidance and assistance. Health assessment of the whole person, in light of their developmental stage, is emphasized. Media (LRC) experiences provide the student with additional opportunity to enhance his/her knowledge base and refine examination skills. Health history taking and the documentation of examination findings aids in individual development of verbal and written communication skills. Professional approach to and conduct during a physical assessment will be presented.

903 Health Promotion and Maintenance 3

Credits

Include the student is acquainted with contemporary nursing and health care. The nursing process serves as the basis for providing nursing care. Strategies for health promotion and maintenance across the life span are discussed. Critical thinking and its application to the nursing process are examined. Basic concepts of teaching – learning are utilized when providing care for well clients.

904 Health Promotion and Maintenance 3

Credits

This course focuses on promoting and maintaining health with childbearing families and clients with psychiatric or psychosocial problems. Emphasis is placed on therapeutic communication, the therapeutic use of self, client teaching and application of the nursing process.

905 Learning Strategies for Successful Entry to Professional Nursing 3

Credits

This course focuses on the fundamentals of critical analysis, reflective thinking, study skills and exam strategies. It is specifically designed to assist selected students (based on specific grade criteria) to meet the academic standards and

rigor needed to enter the profession of Nursing and to prepare for the licensing exam.

906 Bridging Courses for LPNs 3

Credits

The bridging course is designed to help the student transition from the role of the LPN to the role of RN student. This course builds on the student's prior learning and helps them to apply the knowledge in situation where the outcome are less predictable and the settings are less structured than in the traditional LPN role.

907 Health Restoration 3

Credits

This course focuses on common well-defined health problems of clients across the life span. Emphasis is placed on the application of the nursing process to restore the health of clients in structured health care settings.

908 Pharmacology 3

Credits

This course will address concepts of pharmacology as a modality for meeting health needs of clients across the life span.

909 Pathophysiology 3

Credits

This course will examine the physiology of altered health states and the adaptations that occur as a response to these changes across the life span. It will provide a frame work for understanding the clinical symptoms of disease and illness.

910 Clinical Nursing 3

Credits

Include, beginning practice of nursing in laboratory and selected health care settings.

Organizational Behaviour 3

Credits

Research Methodology 3

Credits

SECOND SEMESTER

911 Associate's Degree Nursing Seminar 3

Credits

This course will explore principles of leadership, management, trends, and issues as they relate to the practice of associate's degree nursing.

912 Independent Reading 3

Credits

- 913 Health History and Patient Assessment 3**
Credits
Include basic techniques of writing a health history and conducting a routine assessment of a patient's health status.
- 914 Introduction to Systematic Investigation 3**
Credits
Include characteristics of qualitative and quantitative data and research process; analysis and evaluation of patient data and published nursing studies.
- 915 Narrative Analysis of Nursing Practice 3**
Credits
Include students develop a narrative analysis of practice to learn about the knowledge and knowing embedded in complex clinical situations. Discussions examine the development of expertise, aspects of clinical judgement, caring practices and impediments to caring.
- 916 Mental Health and Mental Illness: Implications for Nursing 3**
Credits
Include theoretical foundations for nursing care, role of the nurse in community mental health settings, hospital settings, and psychiatric therapies.
- 917 Human Responses to Health Illness 3**
Credits
Focus is on human responses to adult illnesses. Those adult illnesses that are highly prevalent or can induce potentially life-threatening human responses will be emphasized.
- 918 Health Assessment 3**
Credits
This course emphasizes essential nursing skills in the assessment process, introducing health history and physical examination techniques. Students conduct a physical and mental health appraisal and collect, record and analyze data. Current models of health, including cultural and developmental variations are examined.
- 919 Nursing Care in the Inpatient Setting 3**
Credits
Include clinical practice in the inpatient setting based on application of clinical decision making in the nursing care of persons with selected physiological and psychosocial problems resulting from pathophysiological processes and the illness experience.
- 920 Community Health Nursing 3**
Credits
Include introduction to community health nursing roles focusing on aggregates as targets of public health services. Content includes epidemiology structure of public health services, levels of prevention, and aggregate assessment.

THIRD SEMESTER

921 Essentials of Family-Centered Perinatal and Paediatric Nursing 3

Credits

Include introduces principles of family-centered nursing care of women during perinatal period and of children from infancy through adolescence. Examines nursing strategies from health promotion, illness prevention, and coping with stressor frequently encountered during child-bearing, illness, injury, hospitalization.

922 Theoretical Foundations 3

Credits

This course provides students with opportunities to analyze historical, legal, cultural, economic and social factors that influence nursing/health care delivery. Nursing theories are presented as frameworks for practice. Students examine philosophical perspectives and discuss strategies for analyzing ethical dilemmas in nursing and health care.

923 Human Sexuality 3

Credits

Include concepts of human sexuality and their significance to nursing interventions with clients in various states of health.

924 Legal and Social Forces in Nursing 3

Credits

Include legal, social and ethical forces affecting the education of nurses and the practice of nursing.

925 Concepts of Professional Nursing Practice 3

Credits

Include nursing theories, frameworks, and concepts, ethical, social and legal issues, students analyze their clinical nursing practice in order to reveal nursing knowledge embedded within practice.

926 Clinical: Community Health Nursing Practicum 3

Credits

This practicum, located in community health nursing agencies, will provide student's opportunities for practice directed toward preservation and promotion of health and prevention of disease, illness and injury in population represented by the aged, parents, children and youth.

927 Advanced Concepts in Nursing Practice 3

Credits

Content is presented to develop skill in the application of concepts and to develop clinical knowledge for nursing practice. Pattern recognition is used to analyze practice concepts within an illness-wellness trajectory, across settings and with diverse populations.

928 Essentials of Gerontological Nursing 3

Credits

Include health and functional ability of the elderly population as they related to nursing practice are the focus of this course. Common health problems found in this population are studied with an emphasis on prevention and nursing management.

929 Nursing Research**3****Credits**

Nursing research emphasizes the role of the nurse as research consumer, focusing on both qualitative and quantitative research. Students develop skills and participate in the development of a research proposal, evaluate, and utilize research findings in practice.

FOURTH SEMSTER**930 Management and Leadership in Nursing****3****Credits**

This course examines the nurse as leader and manager in a variety of contexts and settings. Factors which promote or hinder the development of nursing leadership skills are explored, along with theories, processes, and behaviours of leadership and management.

931 Community Health Nursing**3****Credits**

Course covered include community health nursing principles and roles. The course examines programs, services and institutions involved in promotion and maintaining the health of populations. Community health nursing also explores interrelationships among environmental factors, human responses and health status of clients.

932 Nursing Care of Persons and Families with Complex Health Care Needs**3****Credits**

Include the overall goal is the provision of comprehensive nursing care to a specific patient population. Scientific, theoretical, and experiential knowledge will form the basis for student nursing practice.

Start

933 Primary Health Care in a School Settings**3****Credits**

Include concepts related to total health needs of preschool and school age children, major focus on working individually with each child to develop a concept of health.

934 Practicum in School Nursing**3****Credits**

Include health problems and their nursing management, e.g. critical care nursing, health promotion and prevention of disease, nursing of developmental disabilities.

935 Special Topics in Nursing 3

Credits

Special topics course is designed to provide a planned, systematic analysis of topics, issues and planned, systematic analysis of topics, issues and problems in the area of nursing.

936 Capstone Practicum for Registered Nurses 3

Credits

Include practicum for RN's based on the application of clinical decision-making in order to provide comprehensive nursing care to persons in inpatient and/or community settings.

937 Interdisciplinary Rural Primary Health Care Practice 3

Credits

Include using a framework of interdisciplinary health care teams and community-based practice models, the course focuses on the provision of primary health care services in rural and underserved population.

938 Advanced Assessment 3

Credits

Include courses focuses on development of advanced assessment and physical examination skills. Separate sections focus on different settings (acute care, primary care) and clinical populations (adults, aging, pediatrics, and women's health).

FIFTH SEMESTER

939 Clinical Preceptorship for Nurse Practitioners I 3 Credits

Include first in a sequence of supervised clinical experiences for nurse practitioner students. Application of health assessment, identification of health risks, and examination skills in the clinical setting and management of common acute and chronic illnesses.

940 Clinical Preceptorship for Nurse Practitioners II 3

Credits

Include second in a sequence of supervised clinical experiences for nurse practitioner students. Emphasis on assessment and management of clients with more complex health problems and the integration of other factors (cultural, emotional, psychological, etc) that impact health status and management.

941 Clinical Preceptorship for Nurse Practitioners III 3

Credits

Include third in a sequence of supervised clinical experiences for nurse practitioner students. Transition to more independent practitioner providing comprehensive care to individuals and their families through demonstrated integration of prior course work and clinical experiences.

942 Pharmacotherapy Seminar for Advance Practice Nurses 3

Credits

Include in this seminar nurse practitioner students apply knowledge of selected topics in pharmacy practice 440, using case studies about role and responsibilities in prescribing pharmacotherapeutic agents, principles of drug selection, dosage, side effects, contraindications, client education, monitoring parameters and alternative therapies.

943 Clinical Education in the Context of Nursing Practice 3 Credits

The focus of the course is the role to clinical experiences on socialization and evolution of clinical judgment skills in nursing. The Dreyfus Model of skill acquisition will be discussed as a framework for planning, learning experiences.

944 Senior Honors Thesis I 3 Credits

Include directed study offers the student an opportunity to work with a faculty member on an individual study program.

945 Senior Honors Thesis II 3 Credits

The senior honors thesis is a directed experienced with selected aspects of the research process.

946 Directed Study in Nursing 3 Credits

Include directed study offers the student an opportunity to work with a faculty member on an individual study program.

SIXTH SEMESTER

Seminar 1-111

Proposal

Internal Defense

External Defence

7.3 MASTER IN PUBLIC HEALTH

1ST SEMESTER

CODE	COURSES	CREDITS
500	Water Borne Diseases-Symptoms, Prevention& Treatment	3
501	Airborne Diseases-Symptoms, Prevention & Cure	
502	Immunology	3
503	Pharmacology	3
504	Vaccines, Derivatives & Uses	3
505	Contagious Diseases, Causes, Spread, Symptoms & Treatment	3
506	Epidemiology	3
507	Toxicology	3
300	Organizational Behaviour	3
511	Research Methodology	3
508	Biostatistics	3

509	Law and Health	3	
2ND SEMESTER			
CODE	COURSES	CREDIT	
510	Sanitation & Public Health	3	
512	Tropical Diseases, Causes, Symptoms & Treatment		3
513	HIV/AIDS Positivity, Include Spread Prevention & Treatment.	3	
514	Infectious Diseases – Symptoms & Treatment	3	
515	Drug Trafficking, Use & Abuse	3	
516	Public Health Administration		3
517	Occupational and Environmental Health		3
422	Theory and Practice of Management	3	
600	Women, Child and Adolescent Health	3	
601	Health Economics		

3RD SEMESTER

Seminar
Term paper presentation
Project (8 credit units)

4th Semester

Seminar and Thesis Defense

7.4 DOCTOR OF PUBLIC HEALTH ENTOMOLOGY (DrPH)

1st SEMESTER

Course code	Course Title	Credit Unit
DrPH 701	History & Overview of Public Health	5
DrPH 702	Primary Health Care- Principles & components	5
DrPH 703	Epidemiology 1 & 2- Principles , Methods & advanced concepts (statistical epidemiological methods)	5
DrPH 704	Preventive Medicine in Public Health Setting	5
DrPH 705	Public Speaking & Health Communication Skills	5
DrPH 706	Research Methodology- Experimental Trials & Advanced concepts	5
DrPH 707	Vaccines development, management & biotechnology	5

Seminar 1 (Airborne, Waterborne & Contagious diseases) 2
Term Paper Presentations

2nd SEMESTER

Course code	Course Title	Credit Unit
DrPH 708	Scientific Writing/Critiques & Medical Journalism	5
DrPH 709	Medical Statistics- Sample survey theory, methods, Stochastic & Markov Processes	5
DrPH 710	Advanced Research Ethics	5
DrPH 711	Health Policy Analysis	5
DrPH 712	Data management & Statistical inference	5
DrPH 713	Strategic Leadership & management	5
	Seminar 2 (HIV & AIDS; Tropical Medicine)	2
	Term Paper Presentations	

3rd SEMESTER

Course Code	Course Title	Credit Unit
DrPH 801	Overview of Maternal & Child Health/Reproductive Health	5
DrPH 802	Health Care Financing	5
DrPH 803	Principles of Philosophy & Psychology	5
DrPH 804	Quality assurance management-Best Practices	5
DrPH 805	Principles of Financial Management- Accounting & Budgeting	5
DrPH 806	Minimum Service Package for Health Interventions in Developing Countries	5
	Seminar 3 (Reproductive Health- Women, Child & adolescent Health)	2
	Term paper Presentations	

4th SEMESTER

Course code	Course Title	Credit Unit
DrPH 807	Disaster Management in Public Health	5
DrPH 808	Organizational Behaviour- Theories & Models	5
DrPH 809	Managing Non-Governmental Organizations in Health	5

	Sector	
DrPH 810	Health Program Evaluation- M & E Fundamentals , Health Indicators	5
DrPH 811	Medical ecology & Occupational Health (Overview & Ergonomics, Legislation, Safety & hazard Prevention)	5
DrPH 812	International Health Care management & Global Health Challenges	5
Seminar 4 (Health policing-Key Issues & Challenges) Term Paper Presentation		2

5th SEMESTER

Course code	Course Title	Credit Unit
DrPH 901	An Overview of National Health System	5
DrPH 902	Health Systems Strengthening & management capacity Building	5
DrPH 903	Healthcare marketing & Brand management	5
DrPH 904	Project Management- Project life cycle & Program implementation & monitoring	5
DrPH 905	Corporate Proposals & Grants Management systems	5
DrPH 906	Corporate Health Governance	5
DrPH 907	International Health Diplomacy	5
DrPH 908	Social & cultural impacts of Public Health	5
Seminar 5 (Tropical Medicine & Emerging Diseases) Term Paper Presentation		2

6TH SEMESTER

Thesis (8 credit units)
Seminar and Thesis Defense