



NATIONAL UNIVERSITIES COMMISSION

SECTION B

THE PROGRAMME/SUB-DISCIPLINE/DISCIPLINE

TO BE ACCREDITED

BACHELOR OF AGRICULTURE (B. AGRIC)

AGRICULTURAL ECONOMICS AND EXTENSION

FORM NUC/SSF/B

NATIONAL UNIVERSITY COMMISSION

SECTION B

**THE PROGRAMME/SUB-DISCIPLINE/DISCIPLINE
TO BE ACCREDITED**

**Bachelor of Agriculture
(Agricultural Economics and Extension)**

**Department of Agricultural Economics and Extension
Faculty of Agriculture**

UNIVERSITY OF PORT HARCOURT

SECTION B

PROGRAMME/SUB-DISCIPLINE/DISCIPLINE TO BE ACCREDITED

- 36) Title of programme/sub-discipline/discipline to be accredited:

AGRICULTURAL ECONOMICS AND EXTENSION

TYPE OF ACCREDITATION REQUIRED:

- 37) Indicate below the type of accreditation required

Please tick (☒) one

37.1 Initial Accreditation _____

37.2 Re-Accreditation ☒ _____ 38)
Has any NUC Accreditation Panel visited your University to determine
if the programme/sub-discipline/discipline can be accredited?

Please tick (☒) one

Yes No

☒ _____

- 39) If answer to item 38 is YES, please attach to the completed Form a photocopy of main decision and recommendations to the Commission.

(SEE APPENDIX 1)

- 40) Name of Faculty/School/College in which the programme/sub-discipline/discipline to be accredited is offered:

FACULTY OF AGRICULTURE

- 40.1 Name of Department: **Agricultural Economics and Extension**

- 41) Date of establishment of Department **August 9, 2005**

- 42) Name and Qualification(s) of Dean of Faculty/or Provost/Dean of College/Schools: **Professor E.S. Erundu, (B.Sc, Ziology (UNN) M. Tech (RSUST), PhD, (Fisheries)UNN**

- 43) Name and qualification(s) of Head of Department offering the programme to be accredited: **Dr. O.A. Onoja. B.Sc. (Agric. Education), UNN M. Sc (Agric. Econs. Finance), UNN, M. Sc (Agric. Econs – Resource & Environmental Econs) UNN\ , Ph.D ((Agric. Econs – Resource & Environmental Econs)UNN**

44) **HISTORY OF THE PROGRAMME/SUB-DISCIPLINE/DISCIPLINE**

Write below, a brief history of the development of the programme/sub-discipline/ discipline to be accredited:

The Department of Agricultural Economics and Extension took off on the 9th of August, 2005-at the same time the Faculty of Agriculture was established, with three other Departments: Animal Science and Fisheries, Crop and Soil, and Forestry and Wildlife Management. At the inception 5 academic staff were employed and 20 students admitted into the Department, giving a staff: students' ratio of 1:4. Only 3 of the academic staff teaching in the Department had PhD. In 2007, one (1) additional academic staff was employed. In 2008, five (5) more academic staff were employed while in 2009 3 were added. In 2010 5 academic staff were added to the staff list while in 2011 there were 6 staff (2 academic and 4 technical). But today the Department has 24 academic staff, 6 technical staff and 6 non-teaching staff.

Between 2005 and 2014 the academic staff strength increased to 24 with 14 academic staff having PhDs. The students' population has also increased to 383. The present staff: students' ratio stand at about 1:14 and the staff mix is 22:35:45 for Professors and Associate Professors: Senior Lecturers: Others. In the meantime 3 academic staff are on the Doctorate degree programmes and many have reached advanced stages in their work.

Professor A.C. Agumagu was the pioneer Head of Department from 2005 to 2010, Dr. O. M. Adesope served as the Head of the Department from 2010 to August 2012, Dr .S.O Olatunji took over the headship of the Department from August 2012 to August 2014 while Dr. O.N. Nwaogwugwu took over in August, 2014. Dr. A.O. Onoja took over from Dr O.N Nwaogwugwu from August 16th, 2016.

The Department offers Bachelor of Agriculture with separate options in Agricultural Economics and Agricultural Extension respectively. The aim is to have an effective base for the training of world class manpower in Agricultural Economics and Agricultural Extension

ADMINISTRATION IN GENERAL OF PROGRAMME/SUB-DISCIPLINE/DISCIPLINE

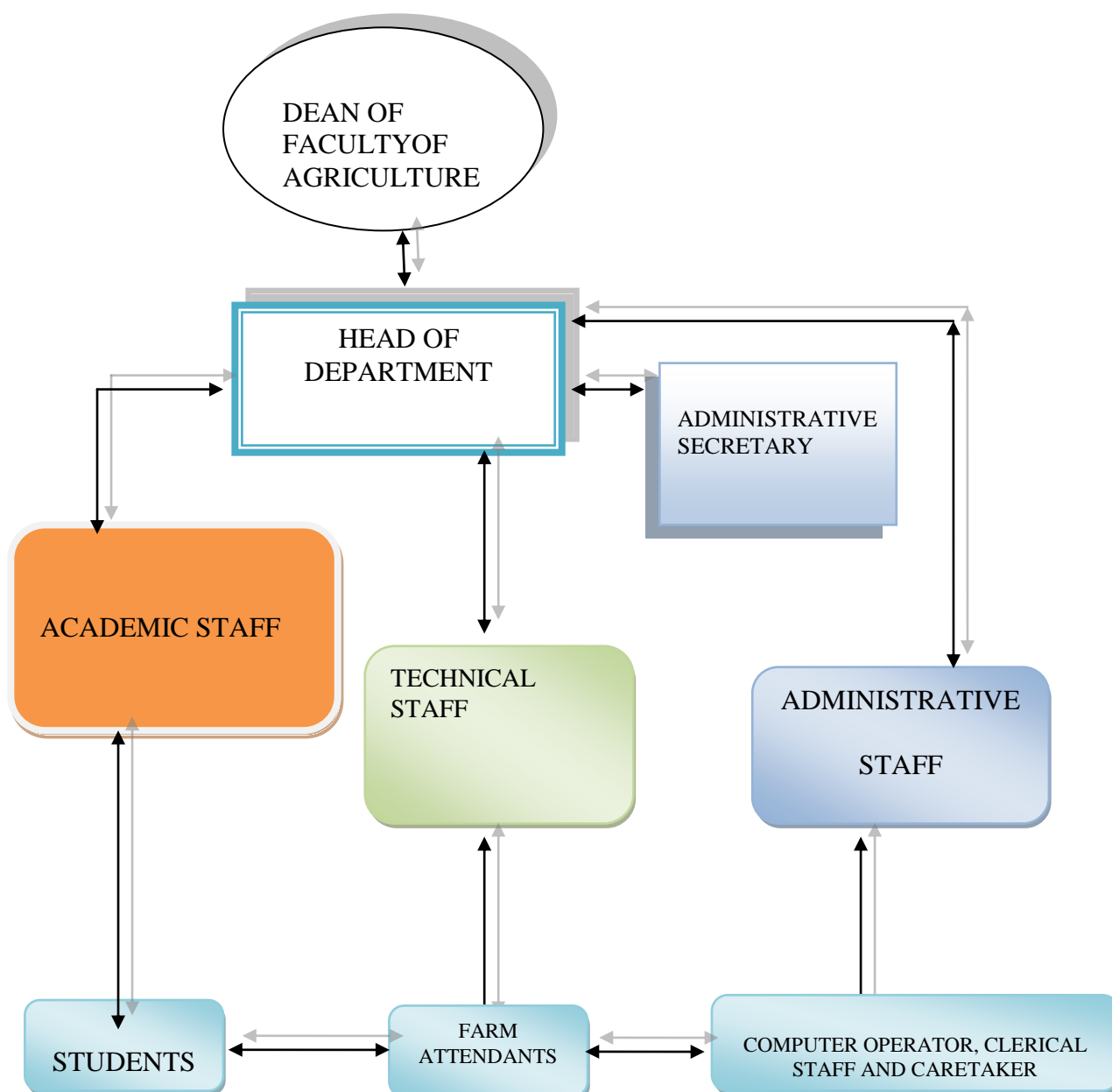
- 45) Describe how the programme/sub-discipline/discipline is administered. Use separate sheets. The description should highlight the following:

45.1 Personnel Administration

(a) Organization Structure

Administratively, the Department has a Head of Department who is responsible to the Vice-Chancellor through the Dean of the Faculty.

ORGANOGRAM OF THE DEPARTMENT OF AGRICULTURAL ECONOMIC AND EXTENSION



(b) How staff are involved in the decision making process and in general administration.

There is a Departmental Board of studies which comprises all academic staff in the Department. All major decisions affecting the Department are taken by the Board. The Committee system of administration is employed, some of the Departmental committees include (i) Examination. (ii) SIWES (iii) Welfare (iv) Strategic Planning (v) Seminar/Research/Publications

(c) Policy and Practice on Staff Development

For academic staff who do not have PhD degrees, they are encouraged to pursue such and a few have benefitted from the University Fellowship through the recommendation of the Department. Also, staff are sponsored to attend national and international conferences.

(d) Staff Promotion

Staff appraisal is carried out annually. The Departmental Appointments and Promotions Committee carries out the first stage of the staff assessment and forwards its recommendations to the Faculty Appointments and Promotions Committee which makes recommendations to the University Appointments and Promotions Committee for final decision. The minimum number of years for consideration of staff for promotion is 3 years for all category of staff.

45.2 Student's Welfare

a) Handling of Academic Grievances

Academic grievances are treated on their merits. The most common being examination results. There is a standard form available for students to lodge any complaint and grievances they may have concerning their examination results. The HOD processes the form which is then forwarded to the course lecturer through the lecturer's HOD (in case of a course domiciled outside the parent department). In this way, both the lecturer involved in the teaching and examination of the course and the HOD are aware of emerging issues. Other academic grievances which could be internal (with the Department) are usually handled by the respective lecturers with assistance from the HOD and the academic advisers.

b) Students Academic Advising

Students at the time of their admission are assigned to academic advisers. Advisers guide the students by counseling them on their academic matters and other personal issues. In addition this, Academic advisers (one for each level of study) are responsible for registering the students for all the courses the students would take for the session. The advisers often make extensive use of the Faculty of Agriculture handbook which is the source book and compass guide for the students during their study period in the Department.

45.3 Examination

a) Setting, conduct, evaluation schemes, moderation schemes – internal and external for degree examinations and the issuance of results.

Questions are set by academic staff teaching the respective courses and moderated by members of the Department Board of Studies. Academic staff are appointed as invigilators for the examinations. A Faculty Examination Time Table is usually drawn up by the Faculty in consultation with the University Time Table Representative. The Departmental examination time table is then prepared using the University and Faculty time table.

Marking schemes are usually drawn up by academic staff to guide the marking of scripts for each course examination.

Degree examinations in form of viva are conducted and moderated by External Examiners. During the viva, the students are examined on their research projects and tested on their overall knowledge of the discipline. Degree results are computed from each year of study and a final Cumulative Grade Point Average (CGPA) is obtained which is then interpreted into class of degree. The final result is usually considered by the Department Board of studies. Results approved at Faculty Board are then forwarded to Senate for ratification. The release of results for individual courses is usually done by the Head of Department.

45.4 Academic Atmosphere

a) Any policy adopted and practiced by the College/School/Faculty/Department in pursuit of academic standards and maintenance of academic atmosphere.

There is regular Department Board of Studies Meeting/Faculty Boards Meetings. Seminars are conducted in the Department where final year students make presentations. Undergraduate students give seminar in their fifth year of studies and present report at the end of their Industrial Training Programme (SIWES)

46) Academic Content: Existing Curriculum for the Programme/Sub-Discipline/Discipline

Attach to this Form, the complete and current prospectus which should include:
(Please find inserted)

a) Programme Title: AGRICULTURAL ECONOMICS AND EXTENSION

b) Programme/Sub-Discipline/Discipline Philosophy and objectives;

Philosophy

The philosophy of the programme is to produce graduates with indepth knowledge and skilled manpower with competency in Agricultural Economics and Extension.

Specific objectives:

Agricultural Economics Option: The specific objectives of this programme's option are to:

- (i) teach the students the basic principles of Agricultural Economics and related disciplines of Agricultural Production, resource use, Agricultural and Rural Development, Marketing, Agricultural Business management, Agricultural Finance and Policy Analysis.
- (ii) expose students specializing in Agricultural Economics to advanced courses in Farm management and Accounting, Production Economics, Agricultural Development and Planning; International Trade; Mathematical Economics, Economic Research Methods and Statistics as well as Field Experimentation.

Agricultural Extension: The specific objectives are to:

- (i) provide Training in the Technology delivery of Technical Agricultural Skill to the end users (Farmers); and
- (ii) introduce students to knowledge and skills in Agricultural Extension and Rural Sociology Extension Philosophy and Principles, Communication of Innovations, Technology Methods and Village/Community Organization.

c) Admission Requirements:

Candidates seeking admission into programme must:

- i. Pass the UTME, which must include Use of English, Chemistry, Mathematics or Physics, and Biology or Agricultural Science.
- ii. Pass the Post-UTME and the screening test at an acceptable score/cut off point of the University.
- iii. Possess five credits in GCE/SSCE/NECO in the following subjects: Mathematics, English Language, Chemistry, Biology or Agricultural Science and any one of Physics, Economics or Geography at not more than two sittings.

d) Programme/Sub-Discipline/Discipline Structure to include period of formal studies in the Universities, Industrial training, planned visit and project.

Period of formal studies, IT

Students embark on the Students Industrial Work Experience Scheme through the following attachment placements:

- i) Domita Farms – Uyo in Akwa Ibom State;
- ii) Fidelity Farm – Omagwa in Rivers State;
- iii) The Faculty of Agriculture Demonstration Farm as well as the University Teaching and Research Farm.
- iv) Songhai –Rivers Farms

Also, as part of strategies to strengthen our relationship with the industry partners for the IT programme to enhance the practical skills of students, we have also signed Memorandum of Understanding (MOU) with Domita Farms and intend to do so for others for a more sustainable and mutually rewarding IT programme (SIWES).

Every student is made to initiate and complete a project under the supervision of one or more lecturer(s), depending on the nature of the project. Such projects are, usually, part of courses in the second semester of their final year and are core/compulsory for each student. Such projects must be passed as students are expected to be successful at both oral examinations (*viva voce*) by the internal examiner(s) and the external examiner.

There is a dedicated course: Field course where students visit agricultural establishment such as Green River Project, Agricultural Development Programme and NTA.

- e) Course content specifications/syllabus of all courses in the Programme/Sub-Discipline/Discipline:

100 LEVEL (YEAR 1) COURSES

-Faculty Wide-

Revised Academic Programme

100 Level (Year 1) Courses

-Faculty Wide-

Course Codes	Course Titles	Units	Course Codes	Course Titles	Units
GES100.1	Communication Skills in English	3	GES 103.2	Nigerian People and Culture	2
FSB 101.1	General Biology I	3	FSB 102.2	General Biology II	3
CHM 130.1	General Chemistry I	3	CHM 131.2	General Chemistry II	3
PHY 101.1	Mechanics and Properties of Matter	3	CHM 132.2	Introduction to Principles of Organic Chemistry	3
MTH 120.1	Calculus	3	PHY 115.2	Heat, Light and Sound	2
GES 102.1	Introduction to Logic and Philosophy	2	GES 101.2	Computer Appreciation and Application	2
MTH110.1	Elementary Algebra and Sets	2	AGR 101.2	Introductory Statistics for Agriculture	2
PHY 102.1	Physics Practical	1			
TOTAL		20			17

Total units = 37

200 LEVEL (YEAR 2) COURSES
-FACULTY WIDE-

FIRST SEMESTER			SECOND SEMESTER		
Course Codes	Course Titles	Units	Course Codes	Course Titles	Units
AGR 201.1	General Agriculture	2	AGR 205.2	Agro-Climatology and Meteorology	2
CPS 201.1	Crop Anatomy, Taxonomy and Physiology	2	CPS 202.2	Principles of Crop Production	2
AGE 201.1	Principles of Agricultural Economics	2	ANS 201.2	Anatomy and Physiology of Farm Animals	2
FWL 201.1	Introduction to Forestry and Wildlife Management	2	ANS 202.2	Principles of Animal Production	2
AGR 2C1.1	Community Service	1	FSH 201.2	Introduction to Fisheries	2
AGX 201.1	Introduction to Agricultural Extension and Rural Sociology	2	AGR 206.2	Principles of Food Science and Technology	2
AGR 202.1	Introduction to Farm Power and Machinery	2	AGF 201.2	Farm Practice	2
SOS 201.1	Introduction to Soil Science	2	AGR 207.2	Introduction to Home Economics	2
AGR 203.1	Introduction to Agric. Microbiology	2			
AGR 204.1	Computer Application to Agriculture	2			
Total		19			16

Total units = 35

300 LEVEL (YEAR 3) COURSES

-FACULTY WIDE-

FIRST SEMESTER

SECOND SEMESTER

Course Codes	Course Titles	Units	Course Codes	Course Titles	Units
ANS 301.1	Animal Health and Diseases	2	ANS 303.2	Ruminant Animal Production	2
ANS 302.1	Non-Ruminant Animal Production	2	ANS 304.2	Animal Genetics and Breeding	2
CPS 301.1	Arable Crop Production	2	SOS 302.2	Soil Chemistry I	2
SOS 301.1	Pedology and Soil Physics	2	AGX 301.2	Extension Teaching, Learning Methods and Processes	2
CPP 302.1	Introduction to Entomology	2	CPS 303.2	Permanent Crops	2
AGE 301.1	Introduction to Farm Management	2	AGR 303.2	Agricultural Biochemistry	2
AGE 302.1	Introduction to Mathematical Economics for Agriculture	2	GES 300.2	Fundamentals of Entrepreneurship	2
AGR 301.1	Introduction to Remote Sensing	2	CPS 304.2	Crop Genetics and Breeding	2
AGE 303.1	Economic Analysis	2	CPP 305.2	Introduction to Phytopathogens and Weed science	2
AGR 302.1	Agricultural Research and Report Writing	2	AGF 301.2	Field Course	1
TOTAL		20			19

Total units = 39

400 LEVEL (YEAR 4) SIWES

Course codes	Course Title	Units
ANS 401	Non-Ruminant Animal & Micro-Livestock Production	3
ANS 402	ANS 402: Ruminant Animal Production	3
ANS 403	Animal Health Mgt	2
AGE 402	Farm Management and Accounting	3
AGX 420	Extension Practices	3
CPS 401	Crops Production Techniques	3
CPS 402	Principles and Practices of Crop Protection	2
CPS 403	Mushroom Production Techniques	1
SOS 401	Farm Design, Farm Survey and Land Use Planning	2
SOS 402	Soil Fertility, Plant Nutrition and Laboratory Analysis	2
AGR 401	Agricultural Mechanisation and Workshop Practices	2
AGR 400	Report Writing and Presentation	4
GES 400	Entrepreneurship project	2
	TOTAL	32units

Total units = 32

500 LEVEL (YEAR FIVE) COURSES

AGRICULTURAL ECONOMICS OPTION

First semester			Second semester		
Course Codes	Course Titles	Units	Course Codes	Course Titles	Units
AEE 501.1	Social Research Methods & Statistics	2	AGE 500.2	Seminar	1
AGE 501.1	Econometrics	2	AGE 507.2	Principles of Cooperative Practice	2
AGX 505.1	Rural Sociology	2	AGE 508.2	Agri-Business Management and Finance	2
AGE 502.1	Agricultural Marketing and Product Price Analysis	2	AGE 509.2	Agricultural Project Management	2
AGE 503.1	Agricultural Development Policy and Planning	2	AGE 510.2	International Trade in Agriculture	2
AGE 504.1	Farm Management and Accounting	2	AGE 511.2	Production Economics	2
AGX 501.1	Programme Development and Planning in Agric Extension	2	AGX 510.2	Leadership and Group Dynamics	2
AGE 505.1	Micro-Economics	2	AGE 599.2	Research Project	6
AGE 506.1	Resource and Environmental Economics	2			
AGR 502.1	Advances in Agriculture	2			
Total		20	Total		19

Total units = 39

AGRICULTURAL EXTENSION OPTION

First semester			Second semester		
Course Codes	Course Titles	Units	Course Code	Course Titles	Units
AGE 501.1	Econometrics	2	AGX 500.2	Seminar	1
AGX 501.1	Programme Development and Planning in Agric Extension	2	AGX 508.2	Agriculture and Rural Community Development	2
AGX 502.1	Adult and Sustainable Livelihood Education in Agricultural Extension	2	AGX 509.2	Technological and Social Change in Agriculture	2
AGX 503.1	Communication in Agric Extension and Development Studies	2	AGX 510.2	Leadership and Group Dynamics	2
AGX 504.1	Rural Youth Extension Programme	2	AGX 511.2	Agric Extension Administration	2
AGX 505.1	Rural Sociology	2	AGX 512.2	Comparative Extension Systems	2
AGX 506.1	Extension Programme in Home Economics	2	AGX 513.2	Diffusion of Innovations	2
AGX 507.1	Extension Psychology	2	AGX 599.2	Research Project	6
AGE 503.1	Agricultural Development Policy and Planning	2			
AEE 501.1	Social Research Methods & Statistics	2			
AGR 502.1	Advances in Agriculture	2			
Total		22			19

Total units = 41**CUMULATIVE UNITS**

Agricultural Economics option 182 units

Agricultural Extension option 184 units

COURSE SYNOPSIS

FACULTY WIDE COURSES

YEAR ONE (FIRST SEMESTER)

GES 100.1 Communication Skills in English (3 units)

Study/library skills and methods: methods for taking and making notes; techniques for organizing study time; study methods and coping with examinations; Library skills and location of library materials. Listening skills: skills for effective listening comprehension. Basic skills in understanding lectures, dialogue or conversation. Identifying/understanding relevant Language Points in the discourse. Making notes/summaries of lectures. Decoding texts/information, vocabulary, *inference* and meaning, understanding grammar, usage, and style. Reading skills: Importance of Reading; reading as study technique. Kinds of reading: speed reading, skimming and scanning, intensive, extensive, reading for evaluation. Understanding text organization. Reading comprehension: SQ3R method. Reading and developing Vocabulary. Using grammar in Reading and Writing. The Hierarchy: Words and their classes, phrases/clauses. Level of the sentence: English as a SVOCA language. Vocabulary, using the dictionary and word relationships: polysemy, antonym, synonymy, homonyms, homophones, denotation/connotation, collocational patterns: affixation, suffixation, etc. Writing and Speaking Skills.

FSB 101.1 General Biology I (3 units)

Characteristics of life. Investigation in biology. The scientific substance of life; the unit of life (including methods of study); activities of cells; the control of metabolic activities, cell division. Basic principles of inheritance.

CHM 130.1 General Chemistry I (3 units)

Introduction to chemistry; matter, energy, measurement, significant figures; dimensional analysis. State and classification of matter, mixtures, compounds and elements. Atomic theory and molecular structure. Atoms, molecules, ions, periodic table, inorganic nomenclature. Equations, types of reactions, atomic and molecular weights, the mole. Empirical formulae, stoichiometry limiting reagent, molarity, titration. Energy, enthalpy, Hess's law, standard heat of formation, calorimetry. Size of atoms, patterns on periodic table. Chemical bonding, valence, electrons, ionic bonding and size of ions, covalent bonding, valence, electrons, covalent bonding and Lewis structures, resonances forms, bond energies, polarities. Hydrogen bonding in solids. Types of solution, concentrations, solution process, T and P effects, reactions in aqueous solutions, colligative properties

PHY 101.1 Mechanics and Properties of Matter (3 units)

Topics covered in this course will include the following: motion in one dimension in a plane, work and energy, conservation laws, oscillation, solid friction rotational kinematics and rotational dynamics, equilibrium of rigid bodies, gravitation, Galilean invariance, surface tension, elasticity and viscosity.

MTH 120.1 Calculus (3 units)

Function of a real variable, graphs, limits and idea of continuity. The derivative as limit of rate of change. Technique of differentiation. Extreme curve sketching, integration as an inverse of differentiation. Methods of integration. Definite integrals. Application to areas, volumes.

GES102.1 Introduction to Logic and Philosophy (2units)

Symbolic logic, special symbols in symbolic logic; conjunction, negative, affirmation, disjunction, equivalence and conditional statement; the laws of thought; the method of deduction using rules of inference and bi-conditionals and quantification theory.

MTH 110.1 Elementary Algebra and Sets (2units)

Algebra and Trigonometry; Real number system, Real sequences and series: sets and sub sets; unit intersection, complements, empty and universal sets, Venn diagram; one way correspondence between sets; quadratic functions and equations; solution of linear equation, simple properties of determinants; indices and binomial theorem; transformations e.g. Log transformation equation of the straight line and application to simple regression equation; permutations and combinations; circular measure, trigonometric functions of angles, addition and factor formulae; complex numbers; moments and couples; relative velocity; calculus; elementary function of simple real variables; graphs of simple functions; the differentiations of simple algebra; exponential and log functions, differentiation of a sum; product; quotient; function of function rules; implicit differentiation; definite and indefinite integrations of functions; application of definite and indefinite integrals to areas and volumes.

PHY 102.1 Physics Practical (1unit)

Motion in one dimension in a plane; work and energy; conservation laws; oscillation; solid friction, rotational kinematics and rotational dynamics; equilibrium of rigid bodies; gravitation, Galilean invariance, surface tension, elasticity and viscosity. Emphasis is on experimental verifications and quantitative measures of physical laws, treatment of measurement errors and graphical analysis. The experiments include studies of mechanical systems; static and rotational dynamics of rigid bodies, viscosity, elasticity, surface tension and hydrostatics

YEAR ONE (SECOND SEMESTER)**GES 103.2 Nigerian People and Culture (2 units)**

Concepts of culture; The study of Nigerian history and culture in the pre-colonial, colonial and contemporary times; the Nigerian's perception of his world; cultural areas of Nigeria and their characteristics; cultural contact and social change; ethnicity and integration; evolution of Nigeria as a political unit. Norms, values, moral obligations of citizens- environmental sanitation.

FSB 102.2 General Biology II (3 units)

Varieties of organisms. Principles of classification of organisms- systematics. A study of selected animals and plant groups. Analysis of flora and fauna of assigned habitats.

CHM 131.2 General Chemistry II (3 units)

Application of the principles of chemical and physical change to the study of the behaviour of matter and interaction between matters. Course content includes, the chemistry of the representative elements and their common compounds with emphasis on gradation of their properties. Brief chemistry of the first, series of transition elements, general principles of extraction of metals; introductory nuclear chemistry.

CHM 132.2 Introduction to Principles of Organic Chemistry (3 units)

A survey of carbon compounds including an overview of the common functional groups in aliphatic and benzenoid compounds. Introduction to reactants and reaction in organic chemistry.

PHY 115.2 Heat, Light and Sound (2 units)

Thermodynamics, colorimetry and heat transfer. Geometrical optics will include reflection of light at the plane and curved surfaces, and optical instruments. Properties and progression of sound waves. Sound waves propagating in air columns. Doppler effect.

GES 101.2 Computer Appreciation and Application (2 units)

Introduction to basic computer concepts. Historical development and classification of computers. Hardware, software and firm wave components of a computer. Computer programming languages, introduction to data bases, data capture techniques. Introduction to computer networks, computer operation. Introduction to Disk Operating System (DOS). Microsoft windows and windows applications. Introduction to data processing. An introduction to the internet.

AGR 101.2 Introductory Statistics for Agriculture (2 units)

Idea of statistics. Sequence of statistical investigation; Data collection methods; Sampling; Basic statistical notations; Methods of collation and presentation of data; Measures of location (mean, mode, median); quantities; Measures of dispersion (variance, standard deviation, standard error, coefficient of variation), skewness and kurtosis.

YEAR TWO (FIRST SEMESTER)**AGR 201.1 General Agriculture (2 units)**

Definition, scope and importance of agriculture; Agricultural ecological zones and distribution of farm; Introduction to Agricultural Economics and Extension; Introduction to Forestry and Wildlife Management; Introduction to Crop Science; Introduction to Soil Science; Introduction to Farm Mechanization; Introduction to Animal Science; Introduction to Fisheries and Aquaculture; Post-harvest handling of agricultural products.

CPS 201.1 Crop Anatomy, Taxonomy and Physiology (2 units)

Parts of the crop cell, cell biology and cell types. Development of cells and tissues, comparative anatomy of major plant organs. Enzymes, photosynthesis, respiration and energy utilization; Transpiration; pollination and fertilization; seed dormancy and germination, mineral nutrition. Introduction to plant taxonomy, characteristics, distribution, economic importance and local examples of leguminosae, gramineae, compositae, dioscoreasae, rutaceasae, use of plant keys. Growth and development, structure and function of plant growth hormones. **Practical:** dormancy and seed germination studies; mineral nutrition experiment.

AGE 201.1 Principles of Agricultural Economics (2 units)

Economics of agriculture, efficiency of resource allocation; Agricultural resources; Production, processing, marketing/distribution and utilization of farm produce; Cost Price analysis, demand, supply.

FWL 201.1 Introduction to Forestry and Wildlife Management (2 units)

Nature and scope of forestry and forest. Structure, classification and importance of forest. Forest products; fauna and flora. Introduction to wildlife, importance of wildlife, forestry and wildlife interlinks.

AGR 2C1.1 Community Service (1 unit)

The course is designed to make the students appreciate the dignity of labour and to acquire a sense of service to the community. Students are to execute various special projects modeled in line with their field of study.

AGX 201.1 Introduction to Agricultural Extension and Rural Sociology (2 units)

The need for agricultural extension; agricultural extension in the world and in Nigeria; basic philosophy and principles of agricultural extension; basic concepts and principles of rural sociology to an understanding of rural situation; Importance of rural communities and institutions, social stratification, social processes and social changes in rural areas; Leadership in rural communities; opinion leadership; role and function of rural leaders; communication techniques and strategies of change; various agricultural extension teaching methods, aids and their use

AGR 202.1 Introduction to Farm Power and Machinery (2 units)

Aims and objectives of farm mechanization. Basic mechanics. Workshop tools. Principles of internal combustion engines and electric motor. Study of farm machinery used for tillage; ploughs, harrows, cultivators, farm power transmission system. Harvesting and processing equipment. (sprayers and dusters). Equipment for livestock (automatic feed conveyors, automatic drinkers for poultry, feeding and watering equipment, milking and milk handling equipment, meat processing equipment). Water lifting and irrigation equipment. Survey instruments used on the farm. Operating principles, selection and maintenance procedure of farm machinery. Farm machinery costing and records. Workshop and building materials used on the farm. **Practicals on farm machines and machinery.**

SOS 201.1 Introduction to Soil Science (2 Credits)

Soils -genesis and formation, factors of soil formation, weathering (physical, chemical and biological), physico-chemical properties of soils. Soil moisture, air, and temperature, soil classification and survey, scope of soil science. Soil colloids, soil reactions. Soil organic matter and soil organisms, soil and water conservation, nutrient requirements and mineral nutrition of plants, introduction to fertilizers. **Practical:** Description of soil profile pit; particle size analysis.

AGR 203.1 Introduction to Agricultural Microbiology (2 units)

Importance of microbiology in agriculture; Introduction to microbial world; Broad groups of microflora and microfauna; Classification of microorganisms and other soil organisms (bacteria, fungi, viruses, nematodes, protozoans, earthworms, and other annelids) Morphology, growth and reproduction of bacteria, yeast, moulds, viruses; Importance of soil microbiology in agriculture, classification of soil organisms; soil organic matter decomposition; microbial transformation of phosphorus, iron, nitrogen and sulphur; biochemistry and microbiology of nitrification; nitrogen fixation by legumes and non legumes and its significance. Microbial release of nutrients in soils and plant nutrition. Influence of soil factors on population and activities of microbes; role of micro-organisms in soil fertility. Transformation of hydrocarbons and pesticides. Rhizosphere and its importance. **Practical:** use of microscopes; Cultivation of micro-organisms, preparation of culture media, isolation of bacteria and fungi; Preparation of slides for microscopic examination and identification; safety precautions in microbiology laboratory.

AGR 204.1 Computer Applications to Agriculture (2 units)

Importance of computers in Agriculture; ICT applications in Agriculture; Design of agricultural research, data collection techniques (or instruments). Use of spreadsheet; use of graphics for agricultural communication; use of Powerpoint for presentation. Data management; Use of statistical packages

YEAR TWO (SECOND SEMESTER)**AGF 201.2 Farm Practice (2 units)****Fisheries**

Fish culture

Hatchery production

Fish feed production

Animal Science

Livestock production

Silage making

Crop/Soil Science

Mushroom production

Composting

Budding/Grafting

Soil Survey

Forestry/Wildlife

Bee keeping

Snail production

Game management and utilization

AGR 205.2 Agro-climatology and Meteorology (2 units)

The principles, aims and scope of climatology and biogeography. The elements and control of climate and weather and the dynamics of the earth atmosphere. Radiation and heating of the atmospheric systems, atmospheric moisture, the dynamics of pressure and wind systems. Condensation and precipitation processes. Seasonal variation in temperature, day length, radiation, rainfall and evapotranspiration. Equipment and maintenance of standard meteorological stations. The climate; relation between agriculture and climate with reference to crops, livestock, irrigation, pests and diseases. Environment and its significance to agriculture, influence of moisture, humidity temperature, radiation and wind in crop growth and production; wind breaks and shelter belts; micro-changes within crop stands and their effects on crops, selection of crops in relation to environmental factors. **Practical:** measurements of net radiation and micro-climatic parameter in crop stands, study of agro meteorological data; field trips to meteorological stations.

AGR 206.2 Principles of Food Science and Technology (2 units)

Definition and scope of Food Science and Technology; Food distribution and Marketing; Food and its functions; Food habits; Food poisoning and its prevention; Principles of food processing and preservation; Discussion of different preservation methods; Deterioration and spoilage of foods, other post harvest changes in food; contamination of foods and natural sources; Composition and structures of Nigerian/West African food; factors contributing to texture, colour, aroma and flavour of food; Cost; Traditional and ethnic influences of food preparation and consumption pattern; Elementary Biotechnology. **Practicals**

AGR 207.2 Introduction to Home Economics (2 units)

Philosophy, scope, objectives and historical development of home economics (Food and Nutrition, Home management, Clothing and Textile); Examination of basic human needs with respect to food, clothing, shelter and health. Programme approaches in home economics which help to meet these needs. Preparation for careers in a variety of occupation. Roles of women in agriculture. **Practicals**

CPS 202.2 Principles of Crop Production (2 units)

Crop production and its development. The principles, problems and prospects of crop production, importance of crop rotation, cultural practices; water uptake, weeds, weed control, and their effects on crop production, pests and diseases. Basic Mendelian genetics. Principles of crop production, harvesting, processing and storage. **Practical:** test of seed viability, germination of seeds in laboratory and in field; tillage practices; identification of fertilizers; field trip to different cropping systems.

ANS 201.2: Anatomy and Physiology of Farm Animals (2 units)

Introduction and glossary of some anatomical and physiological terms. External features of farm animals including their functions and usefulness. Skeletal, digestive and other systems in ruminants and non-ruminants. Nature of farm animals (body fluids; homeostasis; temperature regulation). Blood cells and their various functions. Classes and roles of farm animals. Nutrition and digestion in non-ruminants and ruminants. Endocrinology and its functions. Egg formation and production in poultry. Lactation and milk letdown in farm animals.

ANS 202.2: Principles of Animal Production (2 units)

Animal production and its development. The livestock industry – problems and prospects. Introduction to the factors of production in animal husbandry. Descriptions of different breeds of cattle, sheep and goats; pigs, poultry and rabbits, etc. Feeding habits of farm animals. Principles of breeding and livestock judging. General principles of management for different classes of farm animals (parent stock, breeders, weaners, etc). Livestock husbandry operation and production systems for different livestock – cattle, sheep and goats, poultry, swine, and rabbit. The impacts of the environment on livestock production.

FSH 201.2 Introduction to Fisheries (2 units)

Introduction, definitions, nature and scope of fisheries; Fish products and their importance. External morphological features of bony and cartilaginous fishes.

YEAR THREE (FIRST SEMESTER)**AGR 301.1 Introduction to Remote Sensing (2 units)**

Introduction; Physics of EMR (Energy sources, radiation principles); characteristics of Remote Sensing sensors and satellites; Reflectance properties of earth surface and atmospheric features (energy interactions, spectral reflectance curve, spectral reflectance of soil, water and vegetation); Remote sensing data analysis (visual image interpretation, digital image processing); Integration of remote sensing with GPS and GIS; Reference field data; successful applications. **Practicals**

AGR 302.1: Agricultural Research and Report Writing (2 units)

Purpose and type of research; research proposal; problem identification and hypothesis formulation; methods of primary and secondary data collection; data organization and presentation; scientific writing; formats for project and thesis presentation. Review of basic

statistics: frequency distribution, measures of location and dispersion; Principles of field experimentation.

AGE 301.1 Introduction to Farm Management (2 units)

The nature of farm management and production economics. Theory of agricultural production and revenue concepts; Elements of time, risk, and uncertainty in agricultural production. Break-even, gross net margin, and budgetary analysis.

AGE 302.1 Introduction to Mathematical Economics for Agriculture (2 units)

Simple production function. The nature of Mathematics for Economists, Terminologies, Concepts and Tools in Mathematics for Economists; variables, constants, parameters and coefficients. Graphs, slopes and intercepts. Supply and Demand analysis. Derivatives and rules of differentiations. Income and determination models IS-LM analysis. Marginal concepts in Economics. Integration and logarithms.

AGE 303.1 Economic Analysis (2 units)

Nature and scope of macro-economics, circular flow of national income and product. Determinants of aggregates. National income, expenditure, investments, interest rates, savings and employments. Demand and supply of money and monetary policies. Macro-economic equilibrium. Nature, causes and remedies of inflation. International trade

ANS 301.1: Animal Health and Diseases (2 units)

The economic impacts of diseases on livestock and poultry production; environmental factors in relation to major livestock and poultry diseases. Helminth and protozoal parasites of livestock and poultry. Bacterial, fungal and viral infections of farm animals; The classification, diagnosis, epidemiology, prevention, treatment and control of different livestock and poultry diseases. Notifiable diseases. Principles of immunity and disease resistance and their practical applications. The science, handling and management of sick animals; Drug administration, vaccination programmes and schedules. Ante- and post-mortem examinations in the diagnosis of diseases; Applied entomology and elements of chemical and biological control of disease vectors in livestock and poultry; Applied parasitology in livestock and poultry, and their socio-economic effects.

ANS 302.1: Non-Ruminant Animal Production (2 units)

Non-ruminant animal industry and its contribution to national growth and development. Importance and distribution of non-ruminant animals. Breeds and production systems. Nature of non-ruminant farm animals – poultry, swine, rabbits, and selected micro-livestock of socio-economic importance. Management and husbandry practices. Animal health and hygiene. Non-ruminant products and by-products, and marketing.

CPS 301.1 Arable Crop Production (2 units)

Origin, distribution, soil and climatic requirements of cereals, grain legumes, root and tuber crops, fibre crops, sugar crops and other important arable crops in Nigeria. Improved varieties, production practices, harvesting, utilization, processing, storage and economic aspects of the selected arable crops. **Practical:** study of various production practices of some selected crops from sowing to harvesting in small plots.

CPP 302.1 Introduction to Entomology (2 units)

Insect morphology, structure and function; life cycles and metamorphosis, semio-chemicals – kairomones, allomones, pheromones; insects classification and identification; orders of

insects of economic importance with special emphasis on insects found in Nigeria. **Practical:** insects morphology, taxonomy and identification; killing and preservation of insects; preparation for insects parts, fixing, staining and drawing.

SOS 301.1 Pedology and Soil Physics (2 units)

Soils, its origin, and formation. Soil morphological characteristics, soil components, rock and mineral weathering. Profile pit, soil survey, soil mapping, soil classification, properties and management of Nigerian soils. Definition of soil physics, physical properties of soils, mechanical analysis of soils, textural profile, soil structure, bulk density, porosity, effects of applied stress on soil, soil compaction and compression, soil air and aeration, soil water content, properties and forces acting on soil water, management of soil physical conditions, soil tillage and tillage, soil physics and agriculture **Practical:** laboratory and field determinations of soil physical properties, soil profile pit description.

YEAR THREE (SECOND SEMESTER)

ANS 303.2: Ruminant Animal Production (2 units)

Ruminant animal industry and its contribution to the growth and development of an economy. Breeds and production systems. Housing, feeding, breeding and reproduction in ruminants. Management of breeding stock; growing of young ruminants including housing and feeding of cattle, sheep and goats. Ruminant health and hygiene. Ruminant products and by-products, and marketing.

ANS 304.2: Animal Genetics and Breeding (2 units)

History of genetics and breeding; Chromosomes structure, number and variation; Gene and genotype; Genetic code; Mendelism; fundamental principles of inheritance; Quantitative and qualitative characters and their inheritance. Different types of gene action, values and means, repeatability, heritability, etc. Animal variation and selection principles; Breeding and environmental effects; Inbreeding, pure line breeding, cross breeding and other breeding methods. Selection in breeding, and genetic engineering in contemporary livestock production systems.

AGF 301.2 Field Course (1unit)

Study visit to areas, institutions, industries, etc, relevant to students' area of specialization. Students are required to write a report on the trip.

AGR 303.2 Agricultural Biochemistry (2 units)

Biochemistry in agriculture, food and nutrition; Proteins, vitamins, minerals in farm produce-eggs, meat, vegetable, etc. food processing and natural products; Metabolism of carbohydrates, proteins and lipids (metabolic pathways).

CPS 303.2 Permanent Crops (2 units)

Origin, distribution, soil and climatic requirements of some important permanent and perennial crops such as cocoa, oil palm, rubber, coffee, tea, coconut, sugarcane, kola, cashew, mango, bananas, plantain, citrus, guava, gum Arabic, etc. Production practices, improvement, harvesting, utilization, processing, storage and economic aspects of some selected permanent and perennial crops. **Practical:** visit to different nurseries and plantations to observe practices followed in the propagation of permanent crops; propagation of few permanent crops in the University farm.

CPS 304.2 Crop Genetics and Breeding (2 units)

Cell structure and components, chromosomes, structure, number and variations; linkage and cross-over, mutation and genes in population and transmission of biological variations, theory of evolution, fundamental principles of inheritance. Mendelian genetics, introduction to population and quantitative genetics. Objectives and general principles of crop breeding including their application to self-pollinated and vegetatively propagated crops. General and special methods of selection, in-breeders and out-breeders; compatibility; male sterility. Heterosis, polyploidy in crop breeding; mutation breeding. Breeding methods for crop improvement, development, multiplication and distribution of improved varieties.

CPP 305.2 Introduction to Phytopathogens and Weed Science (2 units)

The major fungi, bacteria and viruses; nematodes, weeds and other disease organisms of crops and stored products. Study of the effects of bacteria, fungi, viruses and nematodes – their biology and ecology; morphology and taxonomy of weeds; modes of dispersal and germination; characteristics, classification and biology of weed. Taxonomy, morphology and life history of plant parasitic nematodes. **Practical:** identification of common weeds in the area; field study in the University farm. Microscopic studies of nematodes; techniques of processing soil and plant material by means of sifting and gravity and Berman-funnel techniques

SOS 302.2 Soil Chemistry I (2 units)

The soil chemical composition, soil colloids, saline, alkaline, and acid soil properties, ion exchange, cation exchange capacity, base saturation, chelating agents and soil organic matter. Laboratory exercises. **Practical:** Determination of soil carbonates, organic matter content, extraction, fractionation, and characterization, exchangeable Ca, Mg, K, Na, and ESP determination, specific anion reactions, soil pH measurement, electrical conductivity measurement, exchangeable NO_3^- and NH_4^+ determination.

AGX 301.2 Extension Teaching, Learning Methods and Processes (2 unit)

The nature and elements of communication; The meaning of the concepts of teaching, learning and motivation; steps and principles of teaching and learning; extension teaching methods; preparation and use of teaching materials and aids

GES 300.2: Fundamentals of Entrepreneurship (2 units)

Concept, history and development of entrepreneurship; The entrepreneur qualities and characteristics; The Entrepreneur and Business environment; identifying business opportunities; starting and developing new business ventures; legal forms of business ownership and registration; Types of business ownership; Feasibility studies; Role of small and Medium Scale Enterprise (SME) in the economy; Role of government on Entrepreneurship; Business location and layout; Accounting for SME; Financing SME; Managing of SME; Marketing in SME; Risk Management of SME; Success and Failure factors of SME; Prospects and Challenges of Entrepreneurship and Intrapreneurship; Ethical behaviour in small business.

YEAR FOUR

400 LEVEL (YEAR 4) SIWES

Course codes	Course Title	Units
ANS 401	Non-Ruminant Animal & Micro-Livestock Production	3
ANS 402	ANS 402: Ruminant Animal Production	3
ANS 403	Animal Health Mgt	2
AGE 402	Farm Management and Accounting	3
AGX 420	Extension Practices	3
CPS 401	Crops Production Techniques	3
CPS 402	Principles and Practices of Crop Protection	2
CPS 403	Mushroom Production Techniques	1
SOS 401	Farm Design, Farm Survey and Land Use Planning	2
SOS 402	Soil Fertility, Plant Nutrition and Laboratory Analysis	2
AGR 401	Agricultural Mechanisation and Workshop Practices	2
AGR 400	Report Writing and Presentation	4
GES 400	Entrepreneurship project	2
	TOTAL	32units

Total units = 32

YEAR FIVE (FIRST SEMESTER) [for Departments of Crop/Soil Science and Forestry/Wildlife Management]

AGR 501.1 Experimentation Techniques (2 Units)

Experimental designs and field layout (CRD, RCBD, Other factorial experiments); their sources of variation and assumptions. Sampling techniques: plot sampling techniques, sampling units and sampling size; Experimental errors; types I and II; Data analysis; cropping systems experiments: Land Equivalent ratio; Analysis of variance (ANOVA) its assumptions. Data transformation (Log, Square root transformation, Arcsine; their assumptions). Analysis of missing data. Pair wise comparison (t-test). Parametric (LSD, DMRT, Studentized test, Scheffe's test, Turkey's test) and Non parametric (Kruskal Wallis, Wilcoxon, Mann Whitney, Wilcoxon-Signed rank-test); Regression and Correlation Analysis; conditions for use, assumptions and properties in linear regression, sources of variation in linear regression, interpretation and prediction of linear regression, interpretation and estimation of correlation co-efficient; Data handling and presentation-graphic, tables, etc.; Quantitative assessment of pesticidal efficacy - Toxicological statistics. Experimental method; Determination of the critical toxic effects (ED₅₀, LD₅₀, LC₅₀, KD₅₀, LT₅₀).

AGRICULTURAL ECONOMICS OPTION

YEAR FIVE (FIRST SEMESTER)

AEE 501.1 Social Research Methods and Statistics (2 units)

Defining a research problem; Developing hypothesis and objectives; Principles of research design; Questionnaire preparation and collection of data; Principles of measurement; Scaling techniques; Data collection methods; Sampling techniques; Report writing; Presentation procedures and skills (narrative, tabular, pictorial formats, etc); Participatory research techniques; Inferential statistics: Chi-square; t-test; Z-test; Analysis of Variance (ANOVA); Correlation; Regression (Logit, Probit),

AGE 501.1 Econometrics (2 units)

Nature and scope of econometrics. Correlation and regression analysis. Assumptions of the OLS method of estimation. Violation of the basic assumptions of the OLS method of estimation. Estimation with bad or deficient data. Multiple regression analysis. Applications of econometrics theory in statistical demand, production and cost analysis. Methods and application of econometrics to agricultural problems.

AGE 502.1 Agricultural Marketing and Product Price Analysis (2 units)

Factors affecting demand and supply of farm produce, elasticities (price, income and gross) and total revenue price and output fluctuation and cycles, Cobweb theorem; demand for farm inputs and optimum conditions; agricultural price stabilization and support policies; time series analysis. Approach to marketing studies, conduct and performance, types of agricultural markets and prices, farm gate, wholesale, and retails; demand for products and elasticities. Characteristics of supply of farm products; marketing efficiency; cost of marketing and marketing margins; pricing of agricultural commodities, standardization, grading, packaging, etc. Nigerian Commodity Marketing Boards; future markets, marketing problems in Nigerian agriculture.

AGE 503.1 Agricultural Development Policy and Planning (2 units)

Historical and analytical treatment of government agricultural policies and programmes in Nigeria and developing countries in general; theories and policies of agriculture; the role of agriculture in the economy; interrelationship between agricultural and individual development; sectoral planning of agricultural problems of agricultural development and planning. Integrated rural development and planning.

AGE 504.1 Farm Management and Accounting (2 units)

Decision making process, depreciation techniques of asset, farm budgeting, farm planning and analysis, problems of organization and managing farms, linear programming. Kinds and function of farm records and account, basic principles of accounting, nature of simple farm account, farm records and inventories, the balance sheet, journal and ledger, profit and loss statement preparation, adjusting entries.

AGE 505.1 Micro-Economics (2 units)

Nature and scope of micro-economic theory; The theory of consumer behaviour, theory of production, traditional versus modern theory of cost, theory of the firm, perfect competition, monopoly, monopolistic competition and oligopoly. Demand and supply analysis and its application in agriculture. Production, cost and revenue concepts; Theory of distribution, market structure and general equilibrium theory. Elements of welfare economics.

AGE 506.1 Resource and Environmental Economics (2 units)

Meaning and scope of land economics; institutional factors affecting land use; land tenure and its implication for agricultural development, renewability and non renewability of land resources, Malthusian and Richardian models. Current public policies affecting land use; state in relation to agriculture, land tenure system, tenancy law; taxation of agricultural properties. Meaning and scope of environmental economics, externalities and market failure, Benefit Cost analysis

AGX 501.1 Programme Development and Planning in Agricultural Extension (2 units)

Definition and principles of extension programme planning; approaches and steps in extension programme planning; importance of programme planning in agricultural extension needs, types and criteria for effective programme objectives; learning experience, clientele participation; long and short range programme, plan of work and calendar of work; the role of good public relations; and cooperation for an extension worker; associations and cooperatives; concepts of evaluation applied to agricultural extension programme. **Practical**; Students will develop extension programme of work and report; field trip.

AGX 505.1 Rural Sociology (2 units)

Theory of sociology; Analysis of social structure of rural agrarian system and societies. Selected theories of social change and their potential for modernization of rural societies; social change and attitude change. Measurements of changes in rural societies, resistance and conducive forces to change in rural societies. Economic aspects of social change; group dynamics; traditional institutions and their transformation, leadership patterns. Involvement of local people in direct change. Problems of rural societies, their causes and solutions special topics in rural sociology, selected case studies.

AGR 502.1: Advances in Agriculture (2 units)

Historical background, Principles (principles of health, fairness, ecology, care) and practice of organic agriculture; Organic crop production, pest and disease management, predator control for sustainable and organic livestock production. Organic forestry, climate change and carbon sequestration, pasture management. Enterprise budgets and production costs for organic production, organic marketing resources and green markets; Hydroponic Agriculture: Preparation of nutrient solutions, media and methods (water culture, sub irrigation, slop and drip). Benefits and constraints; Tissue Culture and Cloning Technology: Introduction, laboratory requirements, effects of hormone balance on explants growth and morphogenesis, callus formation and multiplication, establishment of suspension cultures and anther culture. Applications and relevance to Agriculture. Criticisms and laws (Bioethics and Biopyracy). Genetically modified organisms (GMOs) (Health issues, influence on biodiversity, benefits and demerits); organic farm certification and export markets.

YEAR FIVE (SECOND SEMESTER)**AGE 500.2 Seminar (1 unit)**

Each final year student is expected to deliver seminar on a chosen topic.

AGE 507.2 Principles of Cooperative Practice (2 units)

History and concept of cooperatives; Kinds and operations of agricultural cooperatives; Cooperative production and marketing; Agricultural cooperatives in socialist and capitalist economic systems; Problems of agricultural cooperatives in Nigeria.

AGE 508.2 Agri-Business Management and Finance (2 units)

Farm structure, size and performance of business organizations in the agricultural sector. Public policies affecting growth of agribusiness farms in Nigeria; organization and management of such large-scale farms; legal organization and tax strategies. Economics of agricultural processing, principles of agricultural finance and farm credit. Capital needs of agricultural industries. Sources of loan, government credit policies and approaches to efficient credit management.

AGE 509.2 Agricultural Project Management and Evaluation (2 units)

Nature of agricultural projects in agricultural development. Principles of development (project cycle). Agricultural schemes, eg. River Basins, Plantations, Large scale farms. Techniques of project management in agriculture; Cost-Benefit analysis; rate of returns calculations; cash flow procedures; farm and other resource valuation

AGE510.2 International Trade in Agriculture (2 units)

International trade theory and its implication for agriculture; determinants of trade specialization; terms of trade; balance of payments and exchange rate systems, trade policies, free trade versus protectionism and their implications for agriculture, regional blocs, EEC, ECOWAS etc; problems of international trade.

AGE 511.2 Production Economics (2 units)

Scope and nature of production economics. Theory of production. Production relationships. Goals of production; Nature and structure of farm resources; organization of production-farm cost functions. Agricultural supply functions. Production planning research; the linear programming approach. Case studies.

AGX 510.2 Leadership and Group Dynamics (2 units)

Definition and determination of leadership; Sources and structure of leadership in rural communities; types of community leaders and their role in facilitating acceptance of improved agricultural practices. Leadership theory; selection of local leaders; leaders and the group; types of community groups; groups and group dynamic theory; cooperation and conflicts within community systems; theory of group action. Problem solving in rural communities; group interactions and its effects on extension programme. **Practical:** Case studies; role play.

AGE 599.2 Research Project (6 units)

Each final year student is expected to take up a project topic, propose his/her research and present findings of the research work. This shall be under the supervision of a lecturer(s) in the department. Hard copies of the project must be submitted to the department.

**AGRICULTURAL EXTENSION OPTION
YEAR FIVE (FIRST SEMESTER)****AE 501.1 Social Research Methods and Statistics (2 units)**

Defining a research problem, developing hypothesis and objectives, principles of research design, questionnaire preparation and collection of data; principles of measurement; scaling techniques; data collection methods; sampling techniques, report writing, presentation procedures and skills (narrative, tabular, pictorial formats, etc) participatory research techniques; inferential statistics: Chi square; t test; Z test; Analysis of Variance (ANOVA); Correlation; Regression (Logit, Probit),

AGX 501.1 Programme Development and Planning in Agricultural Extension (2 units)

Definition and principles of extension programme planning; approaches and steps in extension programme planning; importance of programme planning in agricultural extension needs, types and criteria for effective programme objectives; learning experience, clientele participation; long and short range programme, plan of work and calendar of work; the role of good public relations; and cooperation for an extension worker; associations and cooperatives; concepts of evaluation applied to agricultural extension programme. **Practical:** Students will develop extension programme of work and report; field trip.

AGX 502.1 Adult and sustainable livelihood education in Agricultural Extension (2 units)

Characteristics of formal education rationales for adult education in agriculture, principles of adult learning through life span; effective teaching methods for adult farmers; identifying and enrolling clientele; how and why adults learn; motivating and preserving farmers interest in learning; planning process for adult educational programme in agriculture; principles and procedures for evaluating programme in adult education in agriculture. **Practical:** case studies; field trip.

AGX 503.1 Communication in Agricultural Extension and Development studies (2 units)

Definition and principles of effective communication process and agricultural productivity; communication models; patterns of communications in agriculture; principles of public speaking; “Noise” in communication and ways of controlling them; types of agricultural information materials and their preparations; principles and contribution of audio-visuals in agriculture, radio and television broadcast; extension circular letter, poster and report; new development in mass media for agricultural clientele. Use of ICTs in agriculture (Email, Internet, Web); photography and documentation in extension. Meaning and importance, concepts and techniques of speech writing; principles and methods of writing various types of extension publications, leaflets, circular letters, future stories etc; techniques of writing scripts for radio press release and films; principles of layout and cover designs; working knowledge of various types of printing processes. **Practical:** Laboratory experience in preparation and use of projection and non projected audio visuals. Trip to media houses. Practice on how to use several media such as digital cameras. Practice in writing and preparing leaflets, circular letters, feature articles, news stories, scripts for radio, etc

AGX 504.1 Rural Youth Extension Programme (2 units)

Philosophy of rural youth work; types of rural youth clubs; basic factors in organizing rural youth programme. Development of extension programme for youth clubs. Organization for administration and supervision; leadership training in rural youth organization, training professional youth workers; evaluating rural youth programme. **Practical:** Term paper; field trip.

AGX 505.1 Rural Sociology (2 units)

Theory of sociology; Analysis of social structure of rural agrarian system and societies. Selected theories of social change and their potential for modernization of rural societies; social change and attitude change. Measurements of changes in rural societies, resistance and conducive forces to change in rural societies. Economic aspects of social change; group dynamics; traditional institutions and their transformation, leadership patterns. Involvement of local people in direct change. Problems of rural societies, their causes and solutions special topics in rural sociology, selected case studies.

AGX 506.1 Extension Programme in Home Economics (2 units)

Philosophy and principles of home economics extension in Nigeria; Scope of home economics; role of rural women in Nigerian agriculture and economic development; factors in home economics programmes, planning and evaluation; priority determination; coordinating home economics with other agencies and organizations for rural development. **Practical:** Field study and trips

AGX 507.1 Extension Psychology (2 units)

Personality development of individuals; factors influencing personality development; concepts, meaning of education, training, learning, teaching, intelligence, Intelligence Quotient (IQ) and its application to learning. Concepts of remembering, forgetting, factors enhancing them; strategies for solving problems of remembering, forgetting etc; EQ in human relations; classification of extension methods and description of selected methods-demonstration, meetings, campaigns, agric-shows, field-trips etc. implications of psychology to extension education.

AGE 501.1 Econometrics (2 units)

Nature and scope of econometrics. Correlation and regression analysis. Assumptions of the OLS method of estimation. Violation of the basic assumptions of the OLS method of estimation. Estimation with bad or deficient data. Multiple regression analysis. Applications of econometrics theory in statistical demand, production and cost analysis. Methods and application of econometrics to agricultural problems.

AGE 503.1 Agricultural Development Policy and Planning (2 units)

Historical and analytical treatment of government agricultural policies and programmes in Nigeria and developing countries in general; theories and policies of agriculture; the role of agriculture in the economy; interrelationship between agricultural and individual development; sectoral planning of agricultural problems of agricultural development and planning. Integrated rural development and planning.

AGR 502.1: Advances in Agriculture (2 units)

Historical background, Principles (principles of health, fairness, ecology, care) and practice of organic agriculture; Organic crop production, pest and disease management, predator control for sustainable and organic livestock production. Organic forestry, climate change and carbon sequestration, pasture management. Enterprise budgets and production costs for organic production, organic marketing resources and green markets; Hydroponic Agriculture: Preparation of nutrient solutions, media and methods (water culture, sub irrigation, slop and drip). Benefits and constraints; Tissue Culture and Cloning Technology: Introduction, laboratory requirements, effects of hormone balance on explants growth and morphogenesis, callus formation and multiplication, establishment of suspension cultures and anther culture. Applications and relevance to Agriculture. Criticisms and laws (Bioethics and Biopiracy). Genetically modified organisms (GMOs) (Health issues, influence on biodiversity, benefits and demerits); organic farm certification and export markets.

SECOND SEMESTER**AGX 500.2 Seminar (1 unit)**

Each final year student is expected to deliver seminar on a chosen topic.

AGX 508.2 Rural Community Development (2 units)

Sociological, economic and related policy perspectives as they relate to rural development. The theories of community; community as a unit of social change; the micro and macro approaches to social change; dimensions of innovations; approaches to community development and other developments. Models of rural/agricultural development and infrastructural community development in Nigeria and other developing countries. The future of communities in Nigeria. Case studies on community development in Nigeria and other developing countries.

AGX 509.2 Technological and Social Change in Agriculture (2 units)

Understanding Technological change; Basic sociological concepts; technological change and societies; general principles in introducing technological change; Technological change in Nigerian agricultural development and extension; Ethical consideration in introducing technological change; Concept of Participatory Technology Development (PTD); Use of other participatory tools such as RRA, PRA etc for development research

AGX 510.2 Leadership and Group Dynamics (2 units)

Definition and determination of leadership; Sources and structure of leadership in rural communities; types of community leaders and their role in facilitating acceptance of improved agricultural practices. Leadership theory; selection of local leaders; leaders and the group; types of community groups; groups and group dynamic theory; cooperation and conflicts within community systems; theory of group action. Problem solving in rural communities; group interactions and its effects on extension programme. **Practical:** Case studies; role play.

AGX 511.2 Agricultural Extension Administration (2 units)

Concepts, theories, principles and guidelines of administration, organization; supervision as applied to agricultural extension. Administrative functions and responsibility in agricultural extension, staff recruitment, training and development in extension services, selection and budget development and fiscal control; organization and administrative factors influencing development and implementation of extension policies; managerial decision making model in agriculture; extension personnel and office management; assessment of work accomplishment.

AGX 512.2 Diffusion of Innovations (2 units)

Definition and elements of diffusion; processes of adoption of innovations. The innovation decision process. Characteristics of innovation. Adoption rates and adopter categories. Factors to the differential adoption of agricultural innovations. Implication of these factors and process for effective agricultural extension work in rural areas. Relation between extension teaching methods and adoption categories opinion leadership. Theoretical formulation on the diffusion of innovations.

AGX 513.2 Comparative Extension Systems (2 units)

Agricultural extension in African countries (Nigeria, Kenya, Cameroun, Ghana, etc.); Agricultural extension in Europe/America; comparison of the various extension approaches used in different parts of the world. Private Extension Systems in selected countries of the world

AGX 599.2 Research Project (6 units)

Each final year student is expected to take up a project topic, propose his research and present findings of the research work. This should be under the supervision of lecturer(s) in the department. Hard copies of the project should be submitted to the department.

- f) **Attach a list of Titles of Degree projects, if any, carried out by the students in the Programme/Sub-Discipline/Discipline in the last three years: (*Find below*)**

PROJECTS 2009/2010

PROJECTS 2012/2013

**UNIVERSITY OF PORT HARCOURT
FACULTY OF AGRICULTURE
DEPARTMENT OF AGRICULTURAL ECONOMICS AND EXTENSION
AGRICULTURAL EXTENSION OPTION**

**STUDENTS' LIST U2008 SET- ENROLLED 2008/2009
4TH BATCH OF GRADUANDS, 2012/2013**

S/ N	CODE	SURNAME	FIRST NAME	MIDDLE NAME	MATRICULATION NUMBER	PROJECT SUPERVISOR	PROJECT TOPICS
1	AEX/2013/040	AKPALA	JOY	BAMIYO	U2008/5015201	Dr. (Mrs.) C.C. Ifeanyi-obi	Effects of Social Exclusion on Agricultural Activities of Rural Women in Ahoada Agricultural Zone of Rivers State
2	AEX/2013/041	CHARLES	AYEBAIDUBAM OTE	C	U2008/5015204	Ms. O. Jike-Wai	Sources of Water for Domestic Use by Farmers in Brass L.G.A: Implication For Health Extension Services.
3	AEX/2013/042	EGBU	JOY	CHIDINMA	U2008/5015208	Dr. (Mrs.) A.I. Emodi	Factors Influencing the Adoption of Improved Methods of Plantain Production Among Farmers in Etche Local Government Area of Rivers State
4	AEX/2013/043	EHEBHA	EMMANUEL	OSE	U2008/5015209	Dr. S.O. olatunji	Adoption of Western and Traditional Medicare by Farm Families in Ukwa East L.G.A. Abia State, Nigeria
5	AEX/2013/044	ENYINDAH	FORTUNATUS		U2008/5015210	Dr. (Mrs.) C.C. Ifeanyi-obi	Motivational Needs of Early career Agriculture Lecturers in Rivers and Imo State, Nigeria.
6	AEX/2013/045	IROMUANYA	PRISCA	KASARACHI	U2008/5015214	Prof. A.C. Agumagu	Constraints by Rural Women-Crop Farmers in Adapting to Climate Change in Orlu Agricultural Zone of Imo State.
7	AEX/2013/046	NJOKU	ENYINNA		U2008/5015218	Prof. (Mrs.) E.C. Matthews-Njoku	Contributions of NDCC in Rural Infrastructural Development of Obio/Akpor L.G.A. of Rivers State
8	AEX/2013/047	OBELE	KATELYN	NKABINKA	U2008/5015221	Dr. O.N. Nwaogwugwu	Factors Limiting Youth Participation in Agriculture-Based Livelihood Activities in Eleme L.G.A of Rivers State, Nigeria
9	AEX/2013/048	OGEHENEKE VWE	MIRIAM		U2008/5015223	Dr. O.N. Nwaogwugwu	Factors Affecting Women Participation in Community Development Activities in Uvwie Local Government Area of Delta State
10	AEX/2013/049	ONORIODE	OGHENEKARO		U2008/5015227	Dr. (Mrs.) A.I. Emodi	Technological Capabilities of Rice Farmers in Ethiope-West Local Government Area of Delta State.
11	AEX/2013/050	NYIENAKUN A	KILSI	PAMOGHO	U2008/5015231	Ms. O. Jike-Wai	Adopting of Processed Yam Products by Households Yam Farmers in Gokana Local Government Area, Rivers State

Total: 1

PROJECTS 2013/2014

**UNIVERSITY OF PORT HARCOURT
FACULTY OF AGRICULTURE
DEPARTMENT OF AGRICULTURAL ECONOMICS AND EXTENSION
AGRICULTURAL EXTENSION OPTION**

**STUDENTS' LIST U2009 SET- ENROLLED 2009/2010
5TH BATCH OF GRADUANDS, 2013/2014**

S/ N	CODE	SURNAME	FIRST NAME	MIDDLE NAME	MATRICULATION NUMBER	PROJECT SUPERVISOR	PROJECT TOPICS
1	AEX/2014/051	BASSEY	HOPE	UDEME	U2009/5015203	Dr. O.N. Nwaogwugwu	Effect of Indigenous Knowledge on farmer's Adoption of Recommended Cassava Production Technologies in Itu L.G.A Akwa Igong State, Nigeria.
2	AEX/2014/052	DIKE	ODINAKA		U2009/5015207	Prof. A.C. Agumagu	Adoption of Catfish Farming in Etche Local Government Area of Rivers State, Nigeria.
3	AEX/2014/053	EFFIONG	UDEME	HILARY	U2009/5015208	Dr. O.M. Adesope	Intra-Household Poles of farmers in Arable crop production in Uyo L.G.A Akwa/Ibong State, Nigeria
4	AEX/2014/054	JIMMY	ERIDIONG	S	U2009/5015215	Miss. Jike-Wai O.	Utilization of Food System Information by Yam Farmers in Gokana Local Government Area.
5	AEX/2014/055	MUONEKE	CHINWE	M	U2009/5015217	Dr. (Mrs.) A.I. Emodi	Disease Management Strategies in Small Scale Fish Farming in Abonnema, AkukuToru L.G.A., Rivers State
6	AEX/2014/056	ODOGBOR	OGHENEFEJIR O	PAUL	U2009/5015218	Prof. A.C. Agumagu	Determinants of Adoption of Fish Growth Hormones Amongst Catfish (Clarias gariepinus) farmers in Ethiope East L.G.A, Delta State.
7	AEX/2014/057	OLLORNWI	EMMANUEL	KIKAAH TOBIAH	U2009/5015222	Dr. (Mrs.) A.I. Emodi	Radio Programmes Listening Preferences of Agricultural Undergraduates in Rivers State.
8	AEX/2014/058	AMACHREE	HILDA	OMETEBA	U2009/5015231	Mrs. O.O. Efaje3mue	Awareness and Utilization of Fish Vats for Fish Culture Among Fish Farmers in Asari-Toru L.G.A. of Rivers State
9	AEX/2014/059	AWHATEFE	EMUEJEBOH ENE	STEPHANIE	U2009/5015233	Dr. S.O. Olatunji	Assessment of fish farming Technology in Obio/Akpor Local Government Area of River State.
10	AEX/2014/060	IRINYEMI	HANNAH	OMOLOLA	U2009/5015236	Dr. (Mrs.) A.I. Emodi	Analysis of Agricultural Programmes Broadcast on various Radio and Television Station in Rivers State.
11	AEX/2014/061	OMENIHU	FAVOUR	MARTHA	U2006/5555358	Dr. O.M. Adesope	Training Needs of farmers on Cassava Value Addition in Emohua Local Government Area of Rivers State, Nigeria.
12	AEX/2014/062	ABUTA	CHIGOZIE	MARK-ANTHONY	U2008/4710204	Miss. Jike-Wai O.	Awareness and Utilization of Coloyam Flour Among Rural Household in Mbai-Toolil Local Government Area of Imo State.

Total: 12

PROJECTS 2014/2015
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AGRICULTURAL EXTENSION OPTION

STUDENTS' LIST U2008 SET- ENROLLED 2010/2011
5TH BATCH OF GRADUANDS, 2014/2015

S/N	CODE	SURNAME	FIRST NAME	MIDDLE NAME	MATRICULATION NUMBER	PROJECT SUPERVISOR	PROJECT TOPICS
1	AEX/2014/063	EBOH	CHIOMA	JOSEPHINE	U2009/5015235	DR. M.O. ADESOPE	Perceived Difficulty index in Agricultural Extension Courses Among Students of University of Port Harcourt
2	AEX/2014/064	ADAH	GABRIEL	OMOZOKPA	U2009/5015002	PROF. A.C. AGUMAGU	Awareness and Utilization of Pro-vitamin a Cassava flow in Esan Central Local Government Area of Edo State, Nigeria
3	AEX/2014/065	BUFAZI	OYINBUNUGH A	CANDY	U2009/5015003	PROF. A.C. AGUMAGU	Agriculture Production among Rural Women in Sagbama L.G.A. Bayelsa State, Nigeria.
4	AEX/2014/066	DUKE	JOY	INEMA	U2009/5015005	MS. JIKE –WAI	Awareness of Farm Families in Asari-Toru L.G.A of Rivers State, Nigeria.
5	AEX/2014/067	ORLUNWO	BRIGHT	EMMANUEL	U2009/5015012	DR. O.N. NWAOGWUGWU	Assessment of Livelihood Adaptation Strategies of Agrarian Migrants in the Urban Settlement of Port Harcourt L.G.A. of Rivers State, Nigeria.
6	AEX/2014/068	OKWARA	REJOICE	CHIDINMA	U2009/5015015	PROF. A.C. AGUMAGU	Access and use of Information and Communication Technology by farmers to acquire knowledge on informed Maize varieties in Tuo L.G.A of IMO State, Nigeria
7	AEX/2014/069	OBADIKE	CHIAMAKA	FLORENCE	U2009/5015016	DR. S.O. OLATUNJI	Adoption of new improved varieties of Yam, Maize and Cassava by Farmers in Emohua L.G.A of Rivers State
8	AEX/2014/070	IGWE	SARAH	AWIANKELE	U2009/5015018	MS. JIKE –WAI	Livelihood sources of female Headed Household in Eleme L.G.A. of Rivers State.
9	AEX/2014/071	ICHENWO	BLESSING	NNENDA	U2009/5015019	DR. O.N. NWAOGWUGWU	Perception of farmers on Sharp Practices on Grant Disbursement to FADAMA III beneficiaries in Obio/Akpor L.G.A. Rivers State.
10	AEX/2014/072	IGBANIBO	BETTY	BOGOFAYON	U2009/5015020	DR.(MRS.) A.I. EMODI	Health and Food Based Strategies for Rural Household in Agricultural Production in Bayelsa State.
11	AEX/2014/073	NWAOGOZI E	VICTORIA	EBUBECHI	U2009/5015022	PROF. A.C. AGUMAGU	Information needs of farmers in Cassava Production in Ohaji, Eghema L.G.A. IMO State.
12	AEX/2014/074	NNADI	VICTORIA	IFEOMA	U2009/5015024	DR.(MRS.) A.I. EMODI	Pattern of Three Leaf Yam (Dioscorea dumentorum) Awareness and utilization among selected farmers in Oru West L.G.A of IMO State.
13	AEX/2014/075	TUEDON	OMABUWA	ANNIREJUDRITS	U2009/5015028	DR. S.O. OLATUNJI	Assessment of organic and Inorganic farming Practices in Tai L.G.A. of Rivers State, Nigeria

14	AEX/2014/076	OGBUEHI	CHINGARUM	SHIRLEY	U2009/5015030	DR. M.O. ADESOPE	Perception of High Quality Cassava Flour use Among Rural Households for Food Security in Emohua L.G.A. Rivers State.
15	AEX/2014/078	OBASI	GRACE	CHINENYE	U2009/5015031	DR. S.O. OLATUNJI	Utilization of Quail Products in TUO L.G.A of Rivers State, Nigeria.
16	AEX/2014/079	MBACHU	SANDRA	EZINNE	U2009/5015034	DR. M.O. ADESOPE	Role of Rural Women in Agricultural Infrastructure Development in Emohau L.G.A, Rivers State
17	AEX/2014/080	OMBEH	TARE-ERE		U2009/5015037	PROF. E.C. MATTHEWS-NJOKU	Rural farm families Investment in Girl Child Education, its Implication for rapid Development in Ekeremor L.G.A. Bayelsa State
18	AEX/2014/081	NWOSU	VIVIAN	OGECHI	U2009/5015038	DR. O.N. NWAOGWUGWU	Assessment of Extension services provided to FADAMAIII Crop Farmers in Ahiazu Mbaize L.G.A. , IMO State.
19	AEX/2014/082	OKAFOR	JENNIFER	IFEANYI	U2009/5015039	DR.(MRS.) A.I. EMODI	Factors Influencing Small Scale Pineapple Farmers in Akwa Ibom State.
20	AEX/2014/083	ANYANWU	CHINEDOZIE	C	U2009/5015043	DR. M.O. ADESOPE	Risk Coping Strategies of Small Scale Poultry farmers in Obio/Akor L.G.A. Rivers State.
21	AEX/2014/084	EBULU	EYINDAH	O	U2009/5015046	DR. M.O. ADESOPE	Analysis of Climate Change News Covered in Selected Nigerian News-papers from 2013-2014
22	AEX/2014/085	EGBODOKU	CHARLES	OGHENEVWA-KPOME	U2009/5015048	DR. O.N. NWAOGWUGWU	Skill Nedds of Agrarian Migrants in Low-Income Urban Settlement in Port Harcourt City L.G.A of Rivers State, Nigeria.
23	AEX/2014/086	IFELAJA	OPEOLUWA	MARIA	U2009/5015049	DR. S.O. OLATUNJI	Adoption of Indigenous Agricultural Practices in Mitigating Climate Change effects Among farmers in Emohua L.G.A. Rivers State.
24	AEX/2014/087	LAWSON	OVIEVAI	GRACE	U2009/5015052	DR. S.O. OLATUNJI	Awareness of Health Benefits and Adoption of Pro-Vitamin A Bio-Fortifies cassava Among Farm families in Emohua L.G.A. , Rivers State.
25	AEX/2014/088	KOKO	TAMUNOMIE	ERFAKA	U2009/5015060	PROF. A.C. AGUMAGU	Utilization of High Quality Cassava Flour Among Bakery Operators in Port Harcourt City L.G.A. Rivers State, Nigeria
26	AEX/2014/089	LEMEA	CHRISTIANA	TORNUBARI	U2009/5015065	DR. O.N. NWAOGWUGWU	Awareness of Poultry Farming Policies Among Poultry farmers in Peri-Urban Area of Gokana L.G.A of Rivers State.

Total = 26

PROJECTS 2012/2013

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**STUDENTS' LIST U2008 SET- ENROLLED 2008/2009
4TH BATCH OF GRADUANDS, 2012/2013**

S/N	CODE	SURNAME	FIRST NAME	MIDDLE NAME	MATRICULATION NUMBER	PROJECT SUPERVISOR	PROJECT TOPICS
1	AEC/2013/065	AMADI	IBIERE	RITA	U2008/5015202	Mr. A.O. Onoja	Economics of Solid Waste management in Butcherries in Port Harcourt Metropolis
2	AEC/2013/066	CHUKWUOCHA	FAVOUR	CHINOMSO	U2008/5015206	Dr.S.O. Anyanwu	Analysis of Household Commercialization of Cassava and Maize in Emohua Local Government Area of Rivers State
3	AEC/2013/067	DIKIBO	TAMUNOTONYE	EVELYN	U2008/5015207	Mr. H.C. Unaeze	Evaluation of Profitability of Mullet (Mugi Cephalus) Fishing as a Rural Livelihood Activity in Wakirike L.G.A. of Rivers State
4	AEC/2013/068	EZEALA	MICHEAL	UCHENNA	U2008/5015211	Mr. C. Uche	Analysis of Maize Production in Isiala Mbano L.G.A. of Imo State
5	AEC/2013/069	GBOROBIE	WARILOBARI	FAVOUR	U2008/5015212	Dr.S.O. Anyanwu	Economics of Vegetable (Fluted Pumkin) Production in Rivers State: A case study of Gokana Local Government Area.
6	AEC/2013/070	IYEKEKPOLO R	OSARUGUE	E	U2008/5015215	Mr. A.O. Onoja	Influence of Rainfall Variability on Rubber (Hevea Brasiliensis) Production and Export in Nigeria
7	AEC/2013/071	KALU	BLESSING	IDIKA	U2008/5015216	Mrs. V.C. Ugwuja	Determinants of Level of Access to financial Products and Service Among Agro Entrepreneurs in ohafia L.G.A. Abia State.
8	AEC/2013/072	MONSI	BLESSING		U2008/5015217	Mrs. M.E. Ogaraku	A Comparative Analysis of Income Generated from Shellfish Collection in oil spilled and Non-Oil spilled Communities in Rivers State, Nigeria
9	AEC/2013/073	OGBONNA	MARY	CHIAMAKA	U2008/5015222	Mrs. M.E. Ogaraku	Technical Efficiency of Rice Production in Arochukwu L.G.A. Abia State, Nigeria
10	AEC/2013/074	OKIKIE	OGHENEKEVWE		U2008/5015224	Mr. H.C. Unaeze	Social-Economic Determinants of Grasscutter (Thryonomys Swinderianus) Production in Ughelli North Local Government Area of Delta State, Nigeria
11	AEC/2013/075	OKOYE	CHINONSO	OBIANUJU	U2008/5015225	Dr.S.O. Anyanwu	A Comparative Analysis of Beef and Fish Consumption in Ekwusigo Local Government Area of Anambra State, Nigeria.
12	AEC/2013/076	OMBU	INABEINYAI	NAS	U2008/5015226	Dr. (Mrs.) D.I. Ekine	Technical Efficiency of Platatin Based Cropping System in Ogbia L.G.A. of Bayelsa State.
13	AEC/2013/077	OKONKWO	CHUKWUAGOZ IEM	JOSHUA	U2008/5015232	Mrs. V.C. Ugwuja	Gender Analysis of Loan Sizes Accessed in the Formal Micro-Credit Market in Among Agro-Entrepreneurs in Njikoka L.G.A. of Anambra State.

Total: 13

PROJECTS 2012/2013

**UNIVERSITY OF PORT HARCOURT
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AGRICULTURAL ECONOMICS OPTION**

**STUDENTS' LIST U2008 SET- ENROLLED 2009/2010
5TH BATCH OF GRADUANDS, 2013/2014**

S/N	CODE	SURNAME	FIRST NAME	MIDDLE NAME	MATRICULATION NUMBER	PROJECT SUPERVISOR	PROJECT TOPICS
1	AEC/2014/078	AJOSE	RUTH	ANABEL	U2009/5015201	Mr. H.C. Unaeze	Profitability of fish Smoking as a livelihood Activity Among Women in Obio/Akpor L.G.A. of Rivers State
2	AEC/2014/079	BARODOO	HOPE	NENYIEBARI	U2009/5015204	Dr. (Mrs.) D.I. Ekine	Economic Analysis of Small Holder Catfish Farms in Khana L.G.A Rivers State, Nigeria
3	AEC/2014/080	CHUJOR	STEPHEN		U2009/5015205	Dr. Z.A. Elum	Profitability of Goat Marking in Port Harcourt Metropolis of Rivers State, Nigeria.
4	AEC/2014/081	DICKSON-JOHNSON	PRUDENCE	MISISEIVOMME	U2009/5015206	Mrs. V.C. Ugwuja	Socio-Economic Determinants of Risk Management Strategies Adopted by Fish Farmers in Degema L.G.A. of Rivers State, Nigeria.
5	AEC/2014/082	EKUHULE	NNEKA-JAH	OKOGBULE	U2009/5015209	Prof. Noble J. Nweze	Role of Traditional Financial Institutions in Borrowing and saving Practices of FADAMA FARMERS in Rivers State, Nigeria.
6	AEC/2014/083	ESIBENNE	SOPIRIYE	GRACE	U2009/5015210	Dr. Z.A. Elum	Credit Constraints faced by Catfish Farmers in Rivers State, Nigeria.
7	AEC/2014/084	ESSIEN	OFONMBUK		U2009/5015211	Mr. Uche Chima	Economic Performance of Commercial Poultry farms in Etinan L.G.A of AkwaIbon State, Nigeria
8	AEC/2014/085	HENRY	PROGRESS	IMIETE	U2009/5015212	Mr. H.C. Unaeze	Socio-Economic Factors Influencing the Adoption of Climate Change Adaptation Strategies Among Rural farmers in Abua/Odual L.G.A. of Rivers state
9	AEC/2014/086	IKE	CONSTANCE	CHINONSO	U2009/5015214	Dr. (Mrs.) M.E. Ndubueze-Ogaraku	Roles of Farmers Cooperative Society in Food Production in Ogba/Egbema/Ndoni L.G.A. of Rivers State, Nigeria.
10	AEC/2014/087	KPURBU	HOPE	BROWNSON	U2009/5015216	Dr. E.B. Etowa	Determination of Youth Emigration from Agriculture inn Ogoni, Rivers State, Nigeria
11	AEC/2014/088	OGONDA	AUGUSTINE	U	U2009/5015219	Dr. (Mrs.) Z.A. Elum	Profitability of Cucumber Production in Ikwerre and Oyigbo Local Government Area of Rivers State.
12	AEC/2014/089	OKEREKE	CHIKAODINAKA		U2009/5015220	Mr. Uche Chima	Roles of Women in Agricultural Cooperative Societies in Abia State Nigeria
13	AEC/2014/090	OKORIE	NNENNA		U2009/5015221	Dr. (Mrs.) M.E. Ndubueze-Ogaraku	The Comparative Study of dry and wet Season Okra Production in Bende L.G.A., Abia State Nigeria.
14	AEC/2014/091	ONROYWIE	OGHENEMINE	DORCAS	U2009/5015223	Dr. E.B. Etowa	Effects of the challenges of ill-healthy on Agricultural Productivity of Rural Households in Ughelli South local Government Area of Delta State, Nigeria.

15	AEC/2014/092	ONWUACHU	ONYINYE	EVELYN	U2009/5015224	Mrs. V.C. Ugwuja	Analysis of Financial literacy Levels Among Poultry Farmers in Idemilli South Local Government, Anambra State, Nigeria
16	AEC/2014/093	TEE	PRECIOUS		U2009/5015226	Dr. E.C. Chukuigwe	Comparative Analysis of West and Dry Season Vegetable (Fluted Pumkin) Farming in Eleme L.G.A, Rivers State.
17	AEC/2014/094	UCHE	VIVIAN	AMARACHI	U2009/5015227	Dr. (Mrs.) D.I. Eine	Economic Analysis of Fluted Pumkin (<i>Telfairia Occidentalis</i>) Production in Emohua and Ikwerre L.G.A. Area of Rivers State.
18	AEC/2014/095	UGHEULU	RUTH		U2009/5015228	Mr. Uche Chima	Profitability of Small scal Palm Oil Processing in Esan West and Ovia North East LGA. Of Edo State, Nigeria.
19	AEC/2014/096	WARIZUOW EI	PATIENCE	INIMOTIMI	U2009/5015229	Dr. E.C. Chukuigwe	Analysis of Different Sources of Credits for Small Scale Poultry Farmers in Obio/Akpor L.G.A., Rivers State, Nigeria.
20	AEC/2014/097	ATUNUSHA	EFE	PROMISE	U2009/5015232	Mrs. V.C. Ugwuja	Analysis of Savings Strategies Among Poultry Farmers in Isoko North Local Government Area of Delta State, Nigeria.
21	AEC/2014/098	ELI	SHARON	BOMA	U2009/4720220	Dr. S.O. Anyanwu	Marking Margin of Tilapia Fish (<i>Oreochromis spp</i>) in Okirika Local Rivers State, Nigeria.

Total = 21

PROJECTS 2013/2014

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**STUDENTS' LIST U2008 SET- ENROLLED 2010/2011
5TH BATCH OF GRADUANDS, 2014/2015**

S/N	CODE	SURNAME	FIRST NAME	MIDDLE NAME	MATRICULATION NUMBER	PROJECT SUPERVISOR	PROJECT TOPICS
1	AEC/2015/099	AMADI	EUNICE	MUNACHISO	U2010/5015001	DR. (MRS.) M.E. OGARAKU	Determination of volume of Agricultural Loan Accessed by Cooperative Farmers from Bank of Agriculture (BOA) in IMO State, Nigeria.
2	AEC/2015/100	ARIWODO	STANDHOPE	CHIKA	U2010/5015004	DR. A.O. ONOJA	Effects of formal finance/institutions creation on Agricultural SME's output in Osisioma Ngwa L.G.A of Abia State, Nigeria.
3	AEC/2015/101	EZIKA	EMMANUEL		U2010/5015006	DR. A.O. ONOJA	Effects of crop Intensification on Vulnerability of Cassava-Based farms to climate change in Oyi L.G.A. of Anambra State, Nigeria.
4	AEC/2015/102	OALEKAN	SARAH	OPEYEMI	U2010/5015008	MR. U. CHIMA	Profitability of production in Akure North L.G.A. of Ondo State, Nigeria
5	AEC/2015/103	SAMUEL	EZINWANNE	GRACE	U2010/5015009	DR. (MRS.) M.E. OGARAKU	Economic Assessment of seasoned fruits (Tetracarpidim conophorum and Dacryodes edulis) Marketing in Obio/Akpor L.G.A. of Rivers State
6	AEC/2015/104	OSEMEKE	MIRACLE	NGOZI	U2010/5015011	DR. (MRS.) D.I. EKINE	The impact of micro-finance Bank (MFBs) on Agricultural productivity in Ika-North East L.G.A. of Delta State, Nigeria.
7	AEC/2015/105	OPORO	OPELIA		U2010/5015013	PROF. E.C. CHUKUIGWE	Analysis of costs and reforms of Cassava production marketing in Abua/Odua L.G.A. of Rivers State, Nigeria.
8	AEC/2015/106	ONYMUCHARA	LILIAN	CHIKODI	U2010/5015014	PROF. E.C. CHUKUIGWE	Constraints encountered in Dry season vegetable (Telfairia Occidentalis) production in Owerri North L.G.A. of IMO State, Nigeria.
9	AEC/2015/107	OHIRI	IJEOMA	CYNDY	U2010/5015017	DR. (MRS.) V.C. UGWUJA	Assessment of credit Delivering Strategies used by U&C Micro finance Bank Limited to Small Scale Agro-Entrepreneurs in Rivers State, Nigeria
10	AEC/2015/108	NWAKO	KEANIA	GBENEDUM	U2010/5015023	MR. U. CHIMA	Constraints to Accessing Credit by Cassava Based Farmers in Khana L.G.A of Rivers State, Nigeria
11	AEC/2015/109	NWUKE	NELSON		U2010/5015025	DR. (MRS.) V.C. UGWUJA	Comparative Analysis of Formal and informal Micro-credit Available to Small-scale Agro-Entrepreneurs in Etche L.G.A of Rivers State, Nigeria.
12	AEC/2015/110	OBASI	KASARACHI	ANN	U2010/5015032	DR. A.O. ONOJA	Effect of land Tenure System on the profitability of Cassava Based farms in Obohia Community Ahiazu Mbaise L.G.A. of IMO State, Nigeria
13	AEC/2015/111	NMWGBU	EZIHUO		U2010/5015033	DR. (MRS.) D.I. EKINE	Analysis for Demand for Beef and Pork Among Household in

							Port Harcourt L.G.A. of Rivers State, Nigeria.
14	AEC/2015/112	ONYEKWERE	CHISOM	JULIET	U2010/5015035	MR. H.C. UNAEZE	Profitability Analysis of African Breadfruit (Treculia Africana) Marking in ISU L.G.A. IMO State, Nigeria.
15	AEC/2015/113	SORIBE	GERALDINE	IFUNANYA	U2010/5015040	MR. H.C. UNAEZE	Economics Analysis of Green Leafy Vegetable Marking in Nkwerre L.G.A. of IMO State, Nigeria
16	AEC/2015/114	ADIELA	AKUBUONYEOMA		U2010/5015041	DR. (MRS.) D.I. EKINE	Economics Analysis Poultry Egg Production in Ogba/Egbema/Ndoni L.G.A., Rivers State, Nigeria
17	AEC/2015/115	AMADI	HABEMEM		U2010/5015042	DR. (MRS.) V.C. UGWUJA	Assessment of Credit Management Practices by Bank of Agriculture in Rivers State, Nigeria.
18	AEC/2015/116	ANELE	PRINCE	CHIMZI	U2010/5015042	MR. U. CHIMA	Profitability of Oil Palm By-Products in Etche and Ikwerre L.G.A. of Rivers State, Nigeria.
19	AEC/2015/117	AGBOMEDARHO	JOSHUA		U2010/5015045	DR. A.O. ONOJA	Productivity Assessment of Climate Smart Agriculture Strategies (CSAS) Adopted by Cassava-based Farmers in Oshimili-North L.G.A. of Delta, Nigeria.
20	AEC/2015/118	EHUMADU	GOODLUCK	CHINOMSO	U2010/5015047	DR. S.O. ANYANWU	Socio-Economic Determinants of Yam Production in Omuma L.G.A., Rivers State, Nigeria.
21	AEC/2015/119	EDWARD	KALU	OBIESIA	U2010/5015053	DR. (MRS.) M.E. OGARAKU	Profitability Assessment of Artisanal Fishing in Oyorokoto Fishing Settlement in Andoni L.G.A of Rivers State, Nigeria
22	AEC/2015/120	OMELOGU	WINNIFRED		U2010/5015054	DR. (MRS.) M.E. OGARAKU	Analysis of Frozen Fish Marking in Port Harcourt Metropolis Rivers State, Nigeria.
23	AEC/2015/121	ATASERAIBA	JOY	OGHOGHO	U2010/5015057	MR. H.C. UNAEZE	Profitability of Broiler Meat Consumption Among Fast Food Eateries in Obio/Akpor L.G.A. Rivers State, Nigeria.
24	AEC/2015/122	BOB-MANUEL	IBISO		U2010/5015058	DR. E.B. ETOWA	Profitability Analysis of Fish Smoking in Akuku Toru L.G.A. of Rivers State, Nigeria.
25	AEC/2015/123	AMARAHA	CHIDIRIM	THERESA	U2010/5015059	MR. H.C. UNAEZE	Profitability of African Pear marking in Isialangwa North L.G.A of Abia State
26	AEC/2015/124	NYARKOTEY	OYAKILOME	SAMUEL	U2010/5015061	DR. A.O. ONOJA	Sources of Finance to Mitigate Risks Caused by Climate Change Among Maize-Based Farmers in Esan Central L.G.A in Edo State, Nigeria
27	AEC/2015/125	IBOH	DELIGHT	CHIDI	U2010/5015063	PROF. E.C. CHUKUIGWE	Economic Effects of Environmental Degradation Affecting Cassava Production in Eleme L.G.A. Rivers state, Nigeria.
28	AEC/2015/126	MUSTAPHA	BABATUNDE	BASIT	U2010/5015067	DR. E.B. ETOWA	Determinants of Access to Agricultural Credit in Oyo East L.G.A. of Oyo State, Nigeria.
TRANSFERRED STUDENTS							
29	AEC/2015/127	EKUONU	CHINENYE	STEPHANIE	U2010/5020025	DR. E.B. ETOWA	Impact Agricultural Development Programme (ADP) on Women Poultry Farming in Awka South L.G.A. of Anambra State, Nigeria.
30	AEC/2015/128	HARBOR	RITANNE	EBERE	U2010/5020027	PROF. E.C. CHUKUIGWE	The Demand for farm Labour in Cassava Production and marketing in Osisioma Ngwa L.G.A. of Abia State, Nigeria.

31	AEC/2015/129	BOSAH	RICHARD	N	U2010/5010564	DR. (MRS.) V.C. UGWUJA	Economic Analysis of Egg Production in Khana L.G.A. of Rivers Stae, Nigeria.
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Total = 31

47) **Table 4: Programme/Sub – Discipline/Discipline Workload by Students**

Complete the table below: Arrange per semester if possible.

BACHELOR OF AGRICULTURE (AGRICULTURAL ECONOMICS AND EXTENSION)

Grouping	Course No/Level	Course/Subject	Pre-requisite	Contact hours/Week			Total Week Load
				Lecture	Tutorial	Practical	
(a) General Studies Courses, e.g. Humanities, Communication & Social Sciences	1st Semester 100 Level						
	(1) GES 100.1	Communication Skills in English.		3	-	-	3
	(2) GES 102.1	Introduction to Logic & Philosophy.		2	-	-	2
	2nd Semester 100 Level						
	(1) GES 103.2	Nigerian People & Culture.		2	-	-	2
	(2) GES 101.2	Computer Appreciation & Application.		2	-	-	2
(b) Core/Compulsory Courses	1st Semester 100 Level						
	FSB 101.1	General Biology I		2	-	1	3
	CHM 130.1	General Chemistry I		2	-	1	3
	PHY 101.1	Mechanics and Properties of Matter		3	-	-	3
	MTH 120.1	Calculus		3	-	-	3
	MTH110.1	Elementary Algebra and Sets		2	-	-	2
	PHY 102.1	Physics Practical		-	-	1	1
	2nd Semester 100 Level						
	FSB 102.2	General Biology II		2	-	1	3
	CHM 131.2	General Chemistry II		2	-	1	3
	CHM 132.2	Introduction to Principles of Organic Chemistry		2	-	1	3
	PHY 115.2	Heat, Light and Sound		2	-	-	2
	AGR 101.2	Introductory Statistics for Agriculture		1	-	1	2
	1st Semester 200 Level						
	AGR 201.1	General Agriculture		2	-	-	2
	CPS 201.1	Crop Anatomy, Taxonomy and Physiology		1	-	1	2
	AGE 201.1	Principles of Agricultural Economics		2	-	-	2
	FWL 201.1	Introduction to Forestry and Wildlife Management		2	-	-	2
	AGR 2C1.1	Community Service		-	-	1	1
	AGX 201.1	Introduction to Agricultural Extension and Rural Sociology		2	-	-	2

	AGR 202.1	Introduction to Farm Power and Machinery		2	-	-	2
	SOS 201.1	Introduction to Soil Science		2	-	-	2
	AGR 203.1	Introduction to Agric. Microbiology		2	-	-	2
	AGR 204.1	Computer Application to Agriculture		2	-	-	2
	2nd Semester 200 Level						
	AGR 205.2	Agro-Climatology and Meteorology		1	-	1	2
	CPS 202.2	Principles of Crop Production		2	-	-	2
	ANS 201.2	Anatomy and Physiology of Farm Animals		2	-	-	2
	ANS 202.2	Principles of Animal Production		1	-	1	2
	FSH 201.2	Introduction to Fisheries		2	-	-	2
	AGR 206.2	Principles of Food Science and Technology		2	-	-	2
	AGF 201.2	Farm Practice		2	-	-	2
	AGR 207.2	Introduction to Home Economics		2	-	-	2
	2nd Semester 300 Level						
	ANS 301.1	Animal Health and Diseases		2	-	-	2
	ANS 302.1	Non-Ruminant Animal Production		2	-	-	2
	CPS 301.1	Arable Crop Production		2	-	-	2
	SOS 301.1	Pedology and Soil Physics		2	-	-	2
	CPP 302.1	Introduction to Entomology		2	-	-	2
	AGE 301.1	Introduction to Farm Management		2	-	-	2
	AGE 302.1	Introduction to Mathematical Economics for Agriculture		2	-	-	2
	AGR 301.1	Introduction to Remote Sensing		2	-	-	2
	AGE 303.1	Economic Analysis		2	-	-	2
	AGR 302.1	Agricultural Research and Report Writing		2	-	-	2
	2nd Semester 300 Level						
	ANS 303.2	Ruminant Animal Production		2	-	-	2
	ANS 304.2	Animal Genetics and Breeding		2	-	-	2
	SOS 302.2	Soil Chemistry I		2	-	-	2
	AGX 301.2	Extension Teaching, Learning Methods and Processes		2	-	-	2
	CPS 303.2	Permanent Crops		2	-	-	2
	AGR 303.2	Agricultural Biochemistry		2	-	-	2
	GES 300.2	Fundamentals of Entrepreneurship		2	-	-	2
	CPS 304.2	Crop Genetics and Breeding		2	-	-	2
	CPP 305.2	Introduction to Phytopathogens and Weed Science		2	-	-	2

	AGF 301.2	Field Course		-	-	1	1
	1st and 2nd Semester 400 Level						
	GES 400	Entrepreneurship Project		-	-	2	2
	AGR 400	SIWES		-	-	30	30
	1st Semester 500 Level						
	Agricultural Economics Option						
	AEE 501.1	Social Research Methods & Statistics					
	AGE 501.1	Econometrics					
	AGX 505.1	Rural Sociology					
	AGE 502.1	Agricultural Marketing and Product Price Analysis					
	AGE 503.1	Agricultural Development Policy and Planning					
	AGE 504.1	Farm Management and Accounting					
	AGX 501.1	Programme Development and Planning in Agric Extension					
	AGE 505.1	Micro-Economics					
	AGE 506.1	Resource and Environmental Economics					
	AGR 502.1	Advances in Agriculture					
	2nd Semester 500 Level						
	AGE 500.2	Seminar					
	AGE 507.2	Principles of Cooperative Practice					
	AGE 508.2	Agri-Business Management and Finance					
	AGE 509.2	Agricultural Project Management					
	AGE 510.2	International Trade in Agriculture					
	AGE 511.2	Production Economics					
	AGX 510.2	Leadership and Group Dynamics					
	AGE 599.2	Research Project					

	Agricultural Extension Option						
	1st Semester 500 Level						
	AGE 501.1	Econometrics					
	AGX 501.1	Programme Development and Planning in Agric Extension					
	AGX 502.1	Adult and Sustainable Livelihood Education in Agricultural Extension					
	AGX 503.1	Communication in Agric Extension and Development Studies					
	AGX 504.1	Rural Youth Extension Programme					
	AGX 505.1	Rural Sociology					
	AGX 506.1	Extension Programme in Home Economics					
	AGX 507.1	Extension Psychology					
	AGE 503.1	Agricultural Development Policy and Planning					
	AEE 501.1	Social Research Methods & Statistics					
	AGR 502.1	Advances in Agriculture					
	2nd Semester 500 Level						
	AGX 500.2	Seminar					
	AGX 508.2	Agriculture and Rural Community Development					
	AGX 509.2	Technological and Social Change in Agriculture					
	AGX 510.2	Leadership and Group Dynamics					
	AGX 511.2	Agric Extension Administration					
	AGX 512.2	Comparative Extension Systems					
	AGX 513.2	Diffusion of Innovations					
	AGX 599.2	Research Project					

48) **Table 4: Programme/Sub – Discipline/Discipline Workload by Staff**

Complete the table below: Arrange per semester if possible.

BACHELOR OF AGRICULTURE (AGRICULTURAL ECONOMICS AND EXTENSION)

Grouping	Course No/Level	Number of students taught	Course/Subject	Pre-requisite	Contact hours/Week			Total Week Load
					Lecture	Tutorial	Practical	
(a) General Studies Courses, e.g. Humanities, Communication & Social Sciences	1st Semester 100 Level (1) GES 100.1 (2) GES 102.1 2nd Semester 100 Level (1) GES 103.2 (2) GES 101.2	2005/2006 = 16	Communication Skills in English. Introduction to Logic & Philosophy.		3	-	-	3
		2006/2007 = 64			2	-	-	2
		2007/2008 = 19	Nigerian People & Culture. Computer Appreciation & Application.		2	-	-	2
		2008/2009 = 30 2009/2010 = 30			2	-	-	2
(b) Core/Compulsory Courses	1st Semester 100 Level FSB 101.1	2005/2006 = 16 2006/2007 = 64 2007/2008 = 19 2008/2009 = 30 2009/2010 = 30	General Biology I		2	-	1	3
	CHM 130.1		General Chemistry I		2	-	1	3
	PHY 101.1		Mechanics and Properties of Matter		3	-	-	3
	MTH 120.1		Calculus		3	-	-	3
	MTH110.1		Elementary Algebra and Sets		2	-	-	2
	PHY 102.1		Physics Practical		-	-	1	1
	2nd Semester 100 Level							
	FSB 102.2		General Biology II		2	-	1	3
	CHM 131.2		General Chemistry II		2	-	1	3
	CHM 132.2		Introduction to Principles of		2	-	1	3

			Organic Chemistry					
	PHY 115.2		Heat, Light and Sound		2	-	-	2
	AGR 101.2		Introductory Statistics for Agriculture		1	-	1	2
	1st Semester 200 Level	2005/2006 = 16 2006/2007 = 64 2007/2008 = 19 2008/2009 = 30 2009/2010 = 30						
	AGR 201.1		General Agriculture		2	-	-	2
	CPS 201.1		Crop Anatomy, Taxonomy and Physiology		1	-	1	2
	AGE 201.1		Principles of Agricultural Economics		2	-	-	2
	FWL 201.1		Introduction to Forestry and Wildlife Management		2	-	-	2
	AGR 2C1.1		Community Service		-	-	1	1
	AGX 201.1		Introduction to Agricultural Extension and Rural Sociology		2	-	-	2
	AGR 202.1		Introduction to Farm Power and Machinery		2	-	-	2
	SOS 201.1		Introduction to Soil Science		2	-	-	2
	AGR 203.1		Introduction to Agric. Microbiology		2	-	-	2
	AGR 204.1		Computer Application to Agriculture		2	-	-	2
	2nd Semester 200 Level							
	AGR 205.2		Agro-Climatology and Meteorology		1	-	1	2
	CPS 202.2		Principles of Crop Production		2	-	-	2
	ANS 201.2		Anatomy and Physiology of Farm Animals		2	-	-	2

	ANS 202.2		Principles of Animal Production		1	-	1	2
	FSH 201.2		Introduction to Fisheries		2	-	-	2
	AGR 206.2		Principles of Food Science and Technology		2	-	-	2
	AGF 201.2		Farm Practice		2	-	-	2
	AGR 207.2		Introduction to Home Economics		2	-	-	2
	1st Semester 300 Level	2005/2006 = 16 2006/2007 = 64 2007/2008 = 19 2008/2009 = 30						
	ANS 301.1		Animal Health and Diseases		2	-	-	2
	ANS 302.1		Non-Ruminant Animal Production		2	-	-	2
	CPS 301.1		Arable Crop Production		2	-	-	2
	SOS 301.1		Pedology and Soil Physics		2	-	-	2
	CPP 302.1		Introduction to Entomology		2	-	-	2
	AGE 301.1		Introduction to Farm Management		2	-	-	2
	AGE 302.1		Introduction to Mathematical Economics for Agriculture		2	-	-	2
	AGR 301.1		Introduction to Remote Sensing		2	-	-	2
	AGE 303.1		Economic Analysis		2	-	-	2
	AGR 302.1		Agricultural Research and Report Writing		2	-	-	2
	2nd Semester 300 Level							
	ANS 303.2		Ruminant Animal Production		2	-	-	2
	ANS 304.2		Animal Genetics and Breeding		2	-	-	2
	SOS 302.2		Soil Chemistry I		2	-	-	2
	AGX 301.2		Extension Teaching, Learning Methods and Processes		2	-	-	2
	CPS 303.2		Permanent Crops		2	-	-	2
	AGR 303.2		Agricultural Biochemistry		2	-	-	2
	GES 300.2		Fundamentals of Entrepreneurship		2	-	-	2
	CPS 304.2		Crop Genetics and Breeding		2	-	-	2
	CPP 305.2		Introduction to Phytopathogens and		2	-	-	2

			Weed science					
	AGF 301.2		Field Course		-	-	1	1
	1st and 2nd Semester 400 Level	2005/2006 = 16 2006/2007 = 64 2007/2008 = 19 2008/2009 = 30						
	GES 400		Entrepreneurship project		-	-	2	2
	AGR 400		SIWES		-	-	30	30
	1st Semester 500 Level	2005/2006 = 16 2006/2007 = 64 2007/2008 = 19 2008/2009 = 30						
	Agricultural Economics Option							
	AEE 501.1		Social Research Methods & Statistics					
	AGE 501.1		Econometrics					
	AGX 505.1		Rural Sociology					
	AGE 502.1		Agricultural Marketing and Product Price Analysis					
	AGE 503.1		Agricultural Development Policy and Planning					
	AGE 504.1		Farm Management and Accounting					
	AGX 501.1		Programme Development and Planning in Agric Extension					
	AGE 505.1		Micro-Economics					

	AGE 506.1		Resource and Environmental Economics					
	AGR 502.1		Advances in Agriculture					
	2nd Semester 500 Level							
	AGE 500.2		Seminar					
	AGE 507.2		Principles of Cooperative Practice					
	AGE 508.2		Agri-Business Management and Finance					
	AGE 509.2		Agricultural Project Management					
	AGE 510.2		International Trade in Agriculture					
	AGE 511.2		Production Economics					
	AGX 510.2		Leadership and Group Dynamics					
	AGE 599.2		Research Project					
	Agricultural Extension Option							
	1st Semester 500 Level							
	AGE 501.1		Econometrics					
	AGX 501.1		Programme Development and Planning in Agric Extension					
	AGX 502.1		Adult and Sustainable Livelihood Education in Agricultural Extension					
	AGX 503.1		Communication in Agric Extension and Development Studies					
	AGX 504.1		Rural Youth Extension Programme					
	AGX 505.1		Rural Sociology					

	AGX 506.1		Extension Programme in Home Economics					
	AGX 507.1		Extension Psychology					
	AGE 503.1		Agricultural Development Policy and Planning					
	AEE 501.1		Social Research Methods & Statistics					
	AGR 502.1		Advances in Agriculture					
	2nd Semester 500 Level							
	AGX 500.2		Seminar					
	AGX 508.2		Agriculture and Rural Community Development					
	AGX 509.2		Technological and Social Change in Agriculture					
	AGX 510.2		Leadership and Group Dynamics					
	AGX 511.2		Agric Extension Administration					
	AGX 512.2		Comparative Extension Systems					
	AGX 513.2		Diffusion of Innovations					
	AGX 599.2		Research Project					
	1st Semester 500 Level							
	Agricultural Economics Option							
	AEE 501.1		Social Research Methods & Statistics					
	AGE 501.1		Econometrics					
	AGX 505.1		Rural Sociology					
	AGE 502.1		Agricultural Marketing and Product Price Analysis					

49) **Table 6: Teaching Staff Turnover: Summary of Teaching Staff Turnover for the Programme/Sub-Discipline/Discipline to be accredited**

BACHELOR OF AGRICULTURE (AGRICULTURAL ECONOMICS AND EXTENSION)

Staff Category/Designation	No. on payroll	Salary Scale/step	No. of resignations or Dismissals in the Preceding three years	Reasons for Resignation or Dismissal
Professor	6	CONUASS 7/10	Nil	Not Applicable
Reader/Associate professor	3	CONUASS 6/10	Nil	Not Applicable
Senior lecturer	5	CONUASS 5/4	Nil	Not Applicable
Lecturer I	2	CONUASS 4/9	Nil	Not Applicable
Lecturer II	5	CONUASS 3/3	Nil	Not Applicable
Assistant Lecturer	3	CONUASS 2/1	Nil	Not Applicable
Graduate Assistant	Nil	CONUASS 1/6	Nil	Not Applicable
Others	Nil	-	Nil	Not Applicable

Use additional sheet if necessary

Staff Category/Designation	No. on payroll	Salary Scale/step
Professor	6	CONUASS 7/10, 7/10, 7/10, 7/2, 7/2,7/2
Reader/Associate professor	3	CONUASS 6/5, 6/2, 6/2
Senior lecturer	5	CONUASS, 5/11, 5/3, 5/3, 5/2, 5/2
Lecturer I	2	CONUASS 4/6, 4/3
Lecturer II	5	CONUASS 3/4, 3/4, 3/4, 3/3, 3/3
Assistant Lecturer	3	CONUASS 2/5, 2/2, 2/2

50. Table 7: Personal Data for Staff Teaching All Courses of the Programme/Sub-Discipline/ Discipline to be Accredited Supply the information in the table. Use additional sheets with the headings given below.

Note: Take 3 hours of Laboratory/Clinical Practicals as 1 lecture full time (F/T)

Note: Take 3 hours of laboratory/clinical practical as lecture full time (F/T).

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Prof. A.C Agumagu	Rank/ designation: Professor Salary scale: CONUASS 7/10 Date of first appointment: 12/11/1986	F/T	PhD Agric Extension, 1993 (Ibadan) MSc Agric Extension, 1982 (Ibadan) B. Sc. Hons. Agriculture, 1979 (Ibadan) Membership: -Agricultural Society of Nigeria (AESON) - Agricultural Extension Society of Nigeria -Agric. Research Extension Network, UK -Nigerian Rural Sociological Association - Published Journal papers: 60 Conferences Proceedings: 13 Chapters in Books: 1 Books: 1	Teaching Experience Over 30 years University of Ibadan, Assistant Lecturer 1983-1985 University of Port Harcourt, Port Harcourt, Professor, 2009 – Date Senior Research Fellow: 1989-2009 Research Fellow I Research Fellow II Director, Institute of Agricultural Research &Development	AGX 503.1, AGX 502.1, AGX 510.2, AGX 512.2 AGX 513.1 AGX 301.1 AGE 599.2	11 hours/ week	-Staff Adviser - Member Post Graduate Board (Department) - Member Post Graduate Board (Faculty) - Member (Elder), Ogbakor Alimini University of Port Harcourt. - Member, 72 Inner circle Club, Port Harcourt - Member, Circle Trust Fund, 72 Inner circle, Port Harcourt.

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Prof. Mrs Edna.C Matthews-Njoku	Rank/ designation: Professor Salary scale: CONUASS 7/6 Date of first appointment: 28/07/2008	P/T	NCE Agricultural Science 1980 (Alvan, Owerri) B. Sc. Hons. Agriculture, 1984 (Nebraska) MSc Agric Education, 1987 (UNN) PhD Agric Extension, 2000 (FUTO) Membership: -Agricultural Society of Nigeria - Agricultural Extension Society of Nigeria -Agric. Research Extension Network, UK -Science teachers Association of Nigeria -Fellow, Inst of Corporate Resource Mgt Published Journal papers: 65 Conferences Proceedings: 13 Chapters in Books: 3 Books: 1	Federal University of Technology, Owerri, Professor 2009 - University of Port Harcourt, Port Harcourt, Adjunct Professor, 2008 –	AGX 508.2, AGX 501.1 AGX 514.1 AGX 302.1 AGE 599.2	11 hours/ week	Reading, Singing, Dancing, Traveling,

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Prof. E.C. Chukuigwe	Adjunct Professor		BSc, 1973 Production Economics MSc, 1979 Environmental Economics Ph.D, 1994 33 Journal, 10 conferences	Consultant to FGN, RSG, SPDC, NAFCON, ITTA, USAID	AGE 505.1 Micro Economics AGE 503.1 Farm Management AGR 509.2 Project Management	6 hours	7 students supervision 1 Adviser

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Prof. Isife Benjamin Ifeanyichukwu	Professor 9 th August, 2016 CONUASS 7/2	PT	Ph.D (2000), M.Sc (1995), B. Agric (1991)- UNN (Agric Extension) 1. Agric. Ext. Society of Nigeria 2. Rural Sociological Association of Nigeria 3. Farm Management Association of Nigeria Journal - 52 Conference Proceedings - 8	1. Enugu State Education Commission 1993 2. Enugu State ADP 1993-1995 3. UNICA, Part-Time Lecturer 2001-2003 4. RSUT, Asst. Lecture 1998-2000 5. RSUT, Lecture II 2000-2002 6. RSUT, Lecture I 2002-2005 7. RSUT, Snr. Lecture 2005-2009 8. RSUT, Reader 2009-2016 9. RSUT, 2016 Professor 10. RSUST, 2015-Date HOD, Agric. Extension	1. AGX 512. Comparative Ext. Systems 2. AGX 513 Technological and Social Change3 in Agriculture	AGX 512 2 Hours AGX 513 2 Hours	Supervision of Students Project work

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Dr M.G Nyienakuna	Rank/ designation: Associate Professor Salary scale: CONUASS 6/11 Date of first appointment: 07/10/2008	F/T	MSc Agric Economics, 1986 (Tashkent) PhD Rural Devpt, 2001 (Uyo) Published Journal papers: 27 Books: 4	University of Uyo, Snr Lecturer 1997 -2007; Benue State University, Reader, 2007 -2008 University of Port Harcourt, Port Harcourt, Associate Professor, 2008 –	AGE 314.1 AGE 302.1 AGE 504.1 AGE 599.2	15 hours/ week	Travelling

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ANYANWU, SIXTUS O.	1.Senior Lect. Conuass 5/13, April, 2012.	Adjunct	Ph.D,(2010).Agricultural Economics (Farm mgt & Production Economics). PGDE (2010) M.Sc.,(1994)Agric Econs.(Farm mgt & Production Economics). B.Agric.(1987) Agric Econs. Member, NAAE, FAMAN, STAN, 67 publications.	Professor of Agricultural Economics 11/9/2016 (Awaiting ratification by the Governing Council) Ignatius Ajuru University of Education (IAUE) Port Harcourt. Acting Head of Department, 2014 -Till date) (IAUE). Adjunct Senior Lecturer, University of Port Harcourt.	1)Economic Analysis, 2)Econometrics, 3) Agricultural Development, policy & planning 4) Agricultural Project Management 5) International Trade in Agriculture 6) Production Economics 7) Research Project	One lecture period/2 hours/week	1) Member, Conflict resolution committee, 2012 -2013. University of Port Harcourt. 2) SIWES Coordinator 2012-2013. University of Port Harcourt.

Name of staff	Rank/designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Dr O.M. Adesope	Rank/designation: Professor CONUASS 7/2 Date of first appointment: 20/11/2000 (FUTO) – Transfer of Service 06/12/2005 (UNIPORT)	F/T	B. Sc. Hons. Agric Extension, 1992 (Ibadan) MSc Agric Extension, 2000 (FUTO) PhD Agric Extension, 2004 (FUTO) TTC Agric Education (1995) FCETOMK Cert PDME 2014 PMDI, Atlanta, USA Membership: -Agricultural Society of Nigeria - Agricultural Extension Society of Nigeria -Agric. Research Extension Network, UK -Nigerian Rural Sociological Association -Fellow, Corporate Inst of Admin -Member, Mobilization, India -Assoc of International Agricultural and extension Education, USA Published Journal papers: 107 Conferences Proceedings: 26 Chapters in Books: 14 Books: 6 Short notes: 3	University of Port Harcourt, Port Harcourt, 2006 – Federal University of Technology, Owerri, 2001 -2006,	AGX 512.1 AGX 511.2 AGX 513.2 AGX 504.1 AGR 509.2 AEE 501.1 AGE 599.2 CGS 801.1 CGS 801.2	18 hours/ week	Reading, writing, Listening to music, Traveling,

Name of Staff	Rank/Designation Salary Scale, Date of First Appointment	F/T	Qualification Date Obtained and Specialization, Membership of professional association and Number of Publications	Post Qualification Work/Teaching experience and date, post held and the organisation	Course/Subject taught	Teaching Load/Lecturer Hours/week	Other Responsibilities/Interest in curricular and extra- curricular activities
Dr. P. A Ekunwe	Reader CONUASS 6 13/11/2015	FT	Ph.D. (2007) MSc. (2002) B. Agric. (1995) 38 Publications Member FAMAN, AAAE and NAAE	Benson Idahosa University Assistant Lecturer (2002 - 2005) Lecturer II (2005-2007) Lecturer I (2007-2009) Snr. Lecturer (2009-2012) Associate Professor (2012-2015) Uniport Reader (2015-to date)	AGE 501.1- Econometrics AGE 504.1- Farm Management and Accounting AGE 511.2- Production Economics	3 Courses 6 hours	Students' Adviser 2015/2016 Session

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Dr. Data I Ekin	Reader	Adjunct	<p>Ph.D Agric Economics (1996) University of Newcastle UK) MSc (1982) University of Ibadan BSc (1979) University of Ibadan</p> <p>Specialization: Agricultural Production Economics & Farm Management</p> <p>-Member, Farm Management Association of Nigeria (FAMAN) -Member, Nigeria Association of Agric Economics (NAAE) - Member, Agricultural Policy Research Network (APRNet 25 Journal Publications</p>	Lecturer from September 1980 – Date Rivers State University of Science & Technology	<p>Agricultural Food Marketing</p> <p>Principles of Cooperation</p>	2 Hours / Week	<p>Supervision of undergraduate Projects.</p> <p>Attendance in departmental students final year project defense.</p>

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification=]== Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Dr S.O Olatunji	Rank/ designation: Professor Salary scale: CONUASS 7/2 Date of first appointment: 18/08/1994 (ABSU) 12/11/2008 (UNIPORT)	F/T	B. Sc. Hons. Agric. Edu (1993) First Class Honours (ABSU), M.Sc Agric Extension Services 1998 (Ibadan), PhD Agric Ext. and Rural Development. 2006 (MOUAAU). Also, M. Ed, & Ph.D Measurement & Evaluation Membership: -Agric Extension Society of Nigeria -Science Teachers Association of Nig -Nig Rural Sociological Association -Agricultural Society of Nigeria -Nige. Council of Educational Psychologists -Association of Educ. Researchers & Evaluators Published Journal papers: 54 Conferences Proceedings: 13 Chapters in Books: 8 Books: 10 Monographs: 2	Abia State University, Uturu 1994 -2008 University of Port Harcourt, Port Harcourt, Snr Lecturer, 2008 – date	AGX 301.1 AGX 513.2 AGX 507.1 AGR 305.1 AGX 509.2 AGE 599.2 AGX 201.1 AGR 302.1 AGX514.2 AGR 400 AGX 501.1 AGX 512	16 hours/ week	Travelling, Reading, Table tennis

Name of staff	Rank/designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ONOJA ANTHONY O. (Ph.D)	Senior Lecturer/ Head of Department CONUAS 5/3 - 3/03/08	Full-Time	i. Ph.D (Nig), 2014, Resource & Environmental Economics , ii. M.Sc 2010, Resource & Environmental Economics iii. M.Sc 1996, Agric Finance/Project Analysis 55 Publications -Member, International Association of Agric Economics (IAAE) -Member, African Association of Agric Economics (AAAE) -Member, Nigerian Association of Agricultural Economics (NAAE) - Member/President Agricultural Policy Research Network (APRNet)	Lecturer II, Kogi State University Anyigba (2000-2008) Senior Lecturer, University of Port Harcourt 3 rd March, 2008-Date Head of Department, 16 th August, 2016 - Date	Economics Production , Advance in Agriculture, Introduction to Statistics & Research Method, Agricultural Project Analysis	8 Hours	Servicom Officer, Department of Agric. Economics & Extension President, APRNet

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities /interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Dr O. N. Nwaogwu gwu	Rank/ designation: Senior Lecturer Salary scale: CONUASS 5/4 Date of first appointment: 30/11/2005	F/T	NCE Agric Science, 1996 (Alvan) B. Sc. First Class (Hons.) Agric. Education, 2000 (RUST) MSc in Agric. Ext and Rural Soc, 2004 (RUST) Ph.D in Agric. Extension, 2014 (FUTO). Membership: -Agric Society of Nigeria (ASN) -Nigerian Rural Sociological Assoc.(NRSA) -Agricultural Extension Society of Nigeria (AESON) Published Journal papers: 19 Conferences Proceedings: 5 Chapters in Books: 1 Books: 0	University of Port Harcourt, Port Harcourt, 2005 – Date A.L. Nov. 2005 – Oct. 2008 Lect. II Oct. 2008 – Oct. 2011 Lect. I Oct. 2011 – 2014 Senior Lecturer. 2014 - Date	AGR 101.1 AGR 103.2 AGX 501.1 AGX 511.2 AGE 599.2 AGX 505.1 AGX 508.2 AGF 301.2 AGR 2C1.1 AGX 201.1	16 hours/ week	Sports, Wildlife Adventures, Listening to music

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra- curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Dr Mercy Ebere <u>Ndubueze- Ogaraku</u>	Assistant Lecturer, 1 st March, 2006; CONUASS 2 step 2		<p>WAEC: 1985/1990 N.C.E. Agric. Science: 1990 B.SC Agric. Economics & Extension: 1997 M.Sc Agricultural Economics: 2005 P.hD Agricultural Economics: 2013</p> <p>Professional Associations:</p> <ul style="list-style-type: none"> ● Science Teachers Association of Nigeria (STAN) = Member *Farm Management Association of Nigerian (FAMAN) = Member *Nigeria Association Agricultural Economist (NAAE) = Member *Agricultural Society of Nigeria (ASN) = Member *National Association of Women Academics (NAWACS) = Member *Agricultural Policy Research Network (APRNet) = South- South Coordinator <p>Number of Publication: Journal Papers : 21 Book Chapter Contribution: 2 Conference paper : 5</p>	<ul style="list-style-type: none"> ● University of Port Harcourt Senior Lecturer October 2015-Date Lecturer 1 October 2012- 2015 Lecturer 2 October, 2009-2012 Assistant Lecturer, 1st March, 2006-2009 Assistant Lecturer: March, 2006- 2009 *Rivers State University of Science and Technology. International Secondary School,, Port Harcourt Agric. Science Teacher 2000- February, 2006 *Rivers State Secondary School Board, Port Harcourt (Agric. Science teacher) : 1999-2000) *Rivers State Agricultural Development Programme: Agric. Ext Officer: 1990- 1996. *Academic activities Teaching, researching, examining students, counseling and supervision of students *Other academic activities Editor: Agricultural Economics and Extension Studies Associate Editor: Nigerian Agricultural Policy Research Journal (NAPReJ) Editor: Direct Research Journal of Agriculture and Food Science 	<p>1 AGE 501.1 Econometrics</p> <p>2 AGE 507.2 Principles of Cooperative Practice</p> <p>3 AGE 505.1 Agricultural Marketing</p> <p>4 AGE 504.1 Farm Mgt and Accounting</p> <p>5 AGE 512.2 Resource Economics</p> <p>6 AGE 440.1 Farm Management and Production Economics.</p> <p>7 AGE 301.1 Introduction to Farm Management and Production Economics</p> <p>8 AGE 303.1 Economic Analysis</p>	<p>2 units= 2hr</p> <p>2units = 2hrs</p> <p>2 units = 2hrs</p> <p>3units =3hrs</p> <p>2 units = 2hrs</p> <p>2 units= 2hrs</p> <p>units =2hrs2</p> <p>2 units =2</p> <p>2 units = 2</p>	<p>Members of Committee</p> <ul style="list-style-type: none"> ● Student Research Project Coordinator 2012- 2016 ● Social Network Programme (Village Project)- Member ● Agribusiness Enhance Project Committee Member ● Disciplinary Committee - Member 2012 ● Farm management Committee - 2012 ● Faculty of Agriculture Strategy Plan Study Committee- Member ● Research Journal Committee - Member *Agric. Econs & Extension Post graduate Committee: Member * Agribusiness Enhance Project Curriculum Review – 2015 Member ● Coordinator Ekini Women farmers club. Rumuekini town: 2007-date

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Dr. Mrs. A. Henri-Ukoha	Senior Lecturer CONUASS 5/2, 31/10/15 (UNIPORT) Transfer of service from FUTO 23/8//16	F/T	B.Agric(Agric.Economics & Ext) - 1996 M.Sc. (Agric Econs) – 2005 Ph.D(Agric Econs) – 2012 Agric Resource & Environmental Economics/ Agribusiness Management 1. Organic Agriculture Project in tertiary institutions in Nigeria (OAPTIN) 2. Agricultural Society of Nigeria (ASN) 3. Nigerian Association of Agricultural Economists (NAAE) 4. Farm Management Association of Nigeria (FAMAN) 5. Organization of Women in Science for the Developing World (OWSD) 6. African of Women in Science and Engineering (AWSE) 7. Rural Sociological Association of Nigeria (RuSAN) 57 articles and 11 proceedings, 2 chapters in a book	-University of Port Harcourt Choba - Senior Lecturer 2015 - Date - Federal University of Technology, Owerri - Lecturer 1- 2015	AGE 503.1 Agricultural Development Policy and Planning AGE 505.1 Microeconomics AGE 508.2 Agribusiness Management and Finance FSH 512.2 Farm Management and Fishery Business	8 Hours	i. Reviewer: To the following Journals: American Journal of Experimental Agriculture, Journal of Agricultural Economics, Extension and Sociology (AJAEES)etc. ii. President, Women’s Guild PCN, (Leadership) Okoro-nu-Odo Parish, Port-Harcourt 2011- 2014 iii. Co-ordinator, Farm Management Committee v. Co-ordinator, Undergraduate Project vi. Secretary. Faculty Research & Training Committee vii. Supervision of Students Project viii. Secretary, 2008 Harvest Committee (Fund Raising) , PCN, Okoro-nu- Odo parish ix. Ruling Elder, Presbyterian Church of Nigeria, (Leadership) Okoro-nu-Odo Parish, (2013 till date)

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
UNAEZE HENRY CHIKA	Lecturer I	Full-Time	B. Agric (Agric Economics) M.Sc (Resources &Environmental Economics Ph.D in view (Resources & Environmental Economics) UNN	-New Total Child Bayelsa 2013-2014 -IMO State University Satellite Campus -Ekeke Bayelsa State 2003 – 2005 -Assistant Lecturer, University of Port Harcourt 2005 Lecturer I, University of Port Harcourt 2010- Date	AG 506.1 Resources & Environmental Economics AGE 503.1 Agricultural Development Policy & Planning AGE 510.2 International Trade in Agriculture	6 Hours	-Committee Member Faculty of Agriculture disciplinary Committee -RACO 2010 Electoral Exercise -Department Exam Malpractice Disciplinary Committee Chairman -Chairman Farm Management Committee -Chairman office renovation committee member Extension Committee -Member to investigate Exam Malpractice in the Department - Appoint office Renovation coordinator for Nominee for HSE & Coordinator

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Emodi, Angela Izukanne	Lecturer 1 CONUASS 4step4 January 2011	F/T	-PhD.(Agricultural Extension) 2010,UNN -M.Sc(Agricultural Extension and Rural Sociology) 2004 RSUST -PGD(Agricultural Economics and Extension)2005 RSUST -B.Sc (Voc. Home Economics Education) Second Class Upper Division 1986, UNN Area of specialization: Agricultural Extension Administration Membership of Professional association: - Agricultural Extension Society of Nigeria (AESON) -African Technology Policy Studies Network (ATPS)	-Lecturer I (Oct.2014-Date) -Lecturer II (Jan. 2011-Oct.2014) University of Port Harcourt, Choba, Port Harcourt	-AGR 201.1(General Agriculture) -AGX 502.1 (Adults and Sustainable livelihood Education in Agric Extn -AGX 301.2 (Extension Teaching, learning methods and processes -AGX 207.2 (Introduction to Home Economics	6 hours	-Students academic adviser-2010/2011,2016-Date -Chairman World Food Day (University of Port Harcourt) 2014 -Post Graduate programme planning committee (February, 2012) - Accreditation panel committee (March, 2012) - Examination committee 2010/2011 -Seminar defense coordinator, 2012-Date

Name of staff	Rank/designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Dr (Ms.) Zelda Anne Elum	Rank/designation: Lecturer II Salary scale: CONUASS 3/4 Date of first appointment: 10/03/2009	F/T	B.Agric (Fisheries) 2002 (University of Benin) M.Sc Agric Economics, 2007 (Imperial College, London) PhD (Agric Economics), 2013 (Tamil Nadu Agricultural University, India) Membership: International Association of Agricultural Economists (IAAE) Nigerian Association of Agricultural Economists (NAAE) Agricultural Policy Research Network (APRNet) Fisheries Society of Nigeria (FISON) Published Journal papers: 13 Conference proceedings: 3 Chapters in books: 0 Books: 1 Short notes: 1	University of Port Harcourt, 2009	AGE 303.1: Economic Analysis AEE 501.1: Social Research Methods and Statistics AGR 101.2: Agricultural Statistics AGE 511.2: Production Economics ANS 512.2: Livestock Economics	AGE 303.1: 2hours AEE 501.1: 2 hours AGR 101.2: 2 hours AGE 511.2: 2 hours ANS 512.2: 2 hours	Associate editor of the Department Journal (Agricultural Economics and Extension Research Studies) 2016. Faculty of Agriculture Welfare Board P.R.O. 2014. Assistant Students' Seminar Coordinator for Department of AEE 2014. Member of NUC Accreditation Committee, Department of AEE 2014. Department Representative at Faculty of Agriculture Welfare Board and Coordinator of AEE Department's Welfare Committee 2009. Member of the Department of AEE Strategic Planning Committee 2009 I love playing scrabble, reading, travelling and singing.

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra- curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Dr. (Mrs) Ifeanyi-obi, C.C.	Rank: Lect. II; Salary scale: CONUASS ¾; Date of first appointment: 11 TH Jan 2011;	F/T	Qualifications <ul style="list-style-type: none"> - First School Leaving Certificate (FSLC), 1988 - Senior School Certificate Examination (SSCE), 1994 - B.Agric. Tech. Agric. Economics and Extension (Best Graduated Student) 2000 - M.Sc. Agric. Extension and Rural Sociology (Best Graduated Student), 2008 - Ph.D. Agricultural Extension (Rural and Community Development), 2014 Membership of professional association <ul style="list-style-type: none"> - Life member, Agricultural Extension Society of Nigeria (AESON) - Life Member, Society for community mobilization for sustainable development. India. - Member, Association for International Agricultural and Extension Education (AIAEE), USA. - Life member, Rural sociological association of Nigeria, (RuSAN). - Member, Organisation for women in science for developing countries (OWSD) Number of publications <ul style="list-style-type: none"> Journal papers – 51 Conference proceedings: 13 Chapters in book – 2 Training manual - 1 	1. University of Port Harcourt, Nigeria; 2014 – Till date Position held: Lecturer II 2. University of Port Harcourt, Nigeria 2011 - 2014 Position held: Assistant Lecture 3. Government Secondary School, Harbour Road. 2001 Position held: National youth service (NYSC) FUT Owerri Training and Research Farms 1999 Position held: Trainee officer (Industrial attachment)	1.AGX 504.1 Rural Youth Extension Programme 2. AGX 510.2 Leadership and Group Dynamics 3.AGX 512.2 Diffusion of Innovations 4.AGX 507.1 Extension Psychology 5.AGX 509.2 Technological and social change in Agriculture 6. AGX 420 Extension practice 7. AGX 503.1 Communication in Agric. Extension and Development Studies.	12 hours/week.	Travelling, Reading, Indoor games, Listening to music

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Dr (Mrs) Vivian C. Ugwuja	Rank/ designation: Lecturer II Salary scale: CONUASS 3/4 Date of first appointment: 24/06/2010	F/T	B.Agric (Animal Science) 2001 (UNN) M.Sc Agric Econs 2010 (RUST) Ph.D (Agricultural Finance and Project Analysis) 2016 (UNN) Membership: -Nigerian Assoc of Agric Econs -Agric Extension Society of Nigeria - Organic Agriculture in Tertiary Ins. in Nig Published Journal papers: 14 Conferences Proceedings: 2 Chapters in Books: 1 Books: 0	University of Port Harcourt, Port Harcourt, 2010 –	AGR 201.1 AGE 508.2 AGE 509.2 AGE 201.1 AGE 301.1 AGE 599.2	15 hours/week	Reading, indoor games

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra- curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
JIKE-WAI, ODODOBARI	Lecturer 1, CONUASS 4 Step 2, 09/06/2009	F/T	M.Sc. Human Nutrition , 2008. B.Ed. Home Economics, 2000 Membership of professional association -Member Nutrition society of Nigeria (NSN). -Member Organic Agriculture Program in Tertiary Institutions (OAPTIN). -Member Agricultural Extension Society of Nigeria (AESON). -Member Nigerian Agricultural Policy Research Network (NAPRNet)	-Lecturer 1 (October 2015 to date) -Lecturer 11 (Oct 2012 - Oct 2015) -Assistant lecturer (June 2009 - Oct 2012) Organization University of Port Harcourt	-AGR 207.2 (Introduction to Home Economics -AGR 400 (SIWES Report Writing) -AGR2CS1.1 (Community Service)	6hours	-Academic adviser to 400levelU2010 students in 2014 -Academic Adviser to 19 students from 100level – 500level for 2015. -Departmental SIWES Coordinator 2012 – 2015 -Departmental Students Community Service Coordinator 2010 - 2015 -Member, University SIWES Orientation Planning committee 2013 & 2014

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra- curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Mr. Rgbe Bassey Etowa	Lecturer II CONUASS 3/3 August 1, 2013	F/T	Ph.D Agricultural Economics (Agricultural Finance and Project Analysis) (February, 2015) M.Sc. Agricultural Economics (Agricultural Finance and Project Analysis) (November, 2008) B. Agric. Agricultural Economics and Extension (October, 1998) Senior School Certificate (September, 1991) First School Leaving Certificate (July, 1984	Lecturer II, Department of Agricultural Economics/Extension, Faculty of Agriculture, University of Port Harcourt, Rivers State (Feb., 2015 – present) Assistant Lecturer, Department of Agricultural Economics/Extension, Faculty of Agriculture, University of Port Harcourt,, Rivers State (Aug. 2013- Feb., 2015)	Agribusiness Management and Finance (AGE 508.2) Resource and Environmental Economics (AGE 506.1) Livestock Economics (ANS 512.2) Production Economics (AGE 511.2) International Trade in	4hours/week	Committee Chairman: University of Port Harcourt 40 th /Faculty of Agriculture 10 th Anniversary and Video Coverage Committee. Examination Committee Chairman/Examination Officer-Department of Agricultural Economics/Extension (2014-Date). Faculty Building

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Uche, Chima	1.Asst Lect. Conuass2/5, Feb.,2013.		Ph.D,(2016).Agric Econs. (Farm mgt & Production Economics option). M.SC,(2004)Agric Econs & Ext.(Farm mgt & Production Economics option) B.SC,(1995) Agric Econs/Ext. 4 publications.	Lecturing,(Till date), University of Port Harcourt.	1)Farm management/Accounting, 2)Production economics, 3)Mathematical economics, 4)Introduction to principles of agricultural economics, 5)Resource economics. 6)Micro/macro Economic analysis. 7)Agricultural cooperative economics	Two lecture periods/4 hours/week	1)Exams committee, 2)Exams malpractices & investigation committee.

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Wigwe, Chimkanma Chimenem	- Assistant Lecturer - CONUASS 2/2 - Date of First appointment is February 28, 2013	Full time	- B.Agric (Agric Ext) - 2011 - MPhil (Agric Ext) - 2015 - Member of Agricultural Extension Society of Nigeria (MAESON) - Graduate of Nigerian Institute of Management (Chartered) - 7 publications in journals and conference proceedings.	- Graduate Assistant in the Department of Agricultural Economics and Extension, Faculty of Agriculture, University of Port Harcourt from 2013 - 2015. - Assistant Lecturer in the Department of Agricultural Economics and Extension, Faculty of Agriculture, University of Port Harcourt from 2015 till date.	AGX 201.1 AGX 301.1	1hour/week 1hour/week	- Assistant coordinator of final year students' seminar and project from 2015 till date. - Member of examination committee from 2015 till date.

Name of staff	Rank/ designation, salary scale, date of first appointment	F/T	Qualification, dates obtained and specialization, membership of professional association and number of publications	Post qualification Work/Teaching experience and date, post held and the organization	Course/ Subjects taught	Teaching load/lecture hours/week	Other responsibilities/interest in curricular and extra-curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Mrs. Linda Chinenyenwa Familusi	Assistant Lecturer, CONUASS 2/2, 28 th February, 2013	Full time	Qualification: M.Sc in Agricultural Economics - December 2015 B.Agric. in Agricultural Economics - 2010 O'Level Certificate – 2004 First School Leaving Certificate – 1998 Member of Association: Rural Sociological Association of Nigeria (RuSAN) Nigerian Association of Agricultural Economist (NAAE), Number of Publications: Journal Articles = 4 Conference proceedings = 3	Agricultural Service Facilitator (2011-2012) – Lagos State Ministry of Agriculture and Cooperatives, Alausa, Lagos, Nigeria. Graduate Assistant (2013-2015) - University of Port Harcourt, Choba, Rivers State, Nigeria. Assistant Lecturer (2015 till present) – University of Port Harcourt, Choba, Rivers State, Nigeria.	Farm Management and Accounting (AGE 402) Seminar (AGE 500.2) Research Project (AGE 599.2)	Three (3) hours per week	Research Guidance and counselling Administrative activities Reading Travelling

51. Table 8: Laboratory/Technical Staff

Complete the Table below in respect of Laboratory Staff available for the various laboratories used for teaching the Programme/Sub-discipline/Disciplines

<i>SN</i>	<i>Name</i>	<i>Rank/Designation, Date of First Appointment</i>	<i>Qualification, Dates obtained, Specialization, Membership of Professional Association</i>	<i>Duties Performed/Courses Taught</i>
1.	Mrs. Joy O. Aiyeloja	Rank: Senior Farm Officer Date of First Appointment: 6/01/2011 (CONTISS 9/4)	B. Agric M.B.A	Senior lab attendant
2	Mr. Lebari F. Nwidag	Rank: Farm Officer I Date of First Appointment: 6/01/2011 (CONTISS 8/5)	B. Agric	Econometrics lab attendant
	Mrs. Fumilayo R. Adesope	Rank: Higher Agric. Superintendent; Date of First Appointment: 6/01/2011 (CONTISS 7/4)	B.Sc Ed. Agric	Virtual lab attendant
	Mr. Nwanaju Uriah Ikechukwu	Visual Lab Attendance Date of First Appointment: 18/12/2013 (CONTISS 2/7)	SSCE, O'Level	Library attendant

	Mrs. Okorie Ugochi	Higher Agric. Superintendent Date of First Appointment: 16/12/2013 (CONTISS 7/4)	H.N.D Agric. Extension Management	Extension & Outreach
	Mrs. Offor, Chinwendu	Higher Agric. Superintendent Date of First Appointment: 16/12/2013 (CONTISS 7/4)	H.N.D Agric. Extension Management	Extension & Outreach staff
	Mr. Goodnews Chigbu	Higher Agric. Superintendent Date of First Appointment: 16/12/2013 (CONTISS 7/4)	H.N.D Agric Economics & Extension	Extension & Outreach staff

52. **Table 9:** Administrative Non-Teaching Staff Disposition in the College/School/ Faculty/Department/. Where Programme/Sub-Discipline/Discipline to be accredited is offered.

Supply the information in table below:
Use additional sheet, if necessary.

Name of Staff	Rank/Designation; Salary scale and Date of First appointment	Qualification and Date Obtained	Post Qualification Work Experience	Remarks
Mr. T. Leyirabari	Principal Executive Officer CONTISS 7/3; December 10, 2008	HND Marketing B.Sc. Finance & Banking	9 years	
Mr. N.L. Nnen	Admin. Assistant CONTISS 7/4; December 17, 2013	B.Ed, English	3 Years	
Mrs. P.K. Adasijah	Senior Clerical Officer CONTISS 5/15; November 14, 1989	GCE, O'Level	27years	
Mr. E.E. Nyenke	Computer Operator II CONTISS 4/4; December 17, 2013	SSCE, O'Level, DIPLOMA Computer Operation	3years	
Mrs. M. Nsanee	Caretaker CONTISS 3/15; 1982	FSLC	34 years	
Mrs. Ejim Esther	Caretaker CONTISS 3/15; 1995		21 year	
Mrs. G. Woke	Cleaner/Messenger CONTISS1/15; 18/12/2013	SSCE, O'Level	3 yeas	

53. **Staff Appraisal:** Appraise the entire academic staff of the Programme/Sub-discipline/Discipline

a) Adequacy in number, qualification and experience (state average student to staff ratio)

The present staff: students' ratio is 1:14 and the staff mix is 22:35:45. This is reasonably adequate for teaching the programme. About 80% of the academic staff have PhDs. Also, 2 academic staff are on the Doctorate degree programmes. Staff have cognate experience ranging 1 to 25 years. The information provided indicates that the Department has the manpower with requisite qualifications and experience.

b) Effectiveness of lecturers

The lecturers are very effective and dedicated to duties.

c) Professional achievements

Academic staff members of the Department are credited with the following attributes;

- They all have publications in reputed journals (National and International).
- Some are recipient of international research grants /awards.
- Some have served as consultant to Federal Government, State Government, Shell Petroleum Development Company of Nigeria Limited (SPDC) and Niger Delta Development Authority (NDDC).
- some have served and/or are serving as officials of a number of Professional Associations
- Some are serving editors of some research journals in Nigeria and out of Nigeria such as JASR, IJEDICT, GAEP, JOTEN, AGEERS
- Some have served and/or are still serving as visiting lecturers to other Universities in Nigeria.
- Some have attended various training programmes in rural development both in Nigeria and overseas such as CTA, ATPS, Fadama III

54. **Table 10:** Facilities available to the College/School/Faculty/Department offering Programme/Sub-Discipline/Discipline to be accredited.

Complete the Table shown below.

Type of Facilities	No. Available	Average area of room/studio etc in sq	No. of students each room can accommodate	No of rooms jointly used with other Department	Expansion Programme (if any)			Total Facility that will be available to Department when expansion work is complete (B+F)
					Additional Facility	Year Started	Year of Completion	
A	B	C	D	E	F	G	H	
Example, Lecture Room	10	20 fts by 15fts	50	6	3	1998	2003	13
1. Lecture Room	3	18.85m length 9.25m width	150 -200	-				
2. Lecture Theatre								
3. Assembly/Exam Hall	1	415ft 5' x 27fts 7'	200					
4. Laboratories	2	40fts x 22fts	35					
5. Workshop								
6. Studios	1							
7. Library	1	40fts x 22fts	35					
8. Office Accommodation	27	9fts x 14fts	NA	NA	NA	NA		
9. Other (Specified)	2	21fts x 14fts						
(a) General offices	3	-						
(b) Toilet facilities								

55. Laboratories

Describe the various laboratories available for teaching the programme. Indicate, if the laboratories belong to the Department or shared with other Departments. List the equipment in each laboratory using the table in APPENDIX 1 of this form.

- Faculty of Agriculture Laboratory (Shared with other departments)
- Animal and Environmental Biology Laboratory (Shared with other departments)
- Biochemistry laboratory (Shared with other departments)
- Physics laboratory (Shared with other departments)
- Chemistry laboratory (Shared with other departments)
- Computer science laboratory (Shared with other departments)
- Demonstration Farm (Shared with other departments)
- Virtual Laboratory

56. Clinics/Studios

Describe the type of clinics/studios, if any, available for the programme, indicating if they are specific to the Department or shared with other Departments.

List the equipment etc., in each clinics/studio using that table in APPENDIX 1 of this Form.

Projector screen	1	
Wireless PA Amplifier	1	
Desktops	5	
UPS	4	
Laptops	4	
Laptops (npt working)	2	
Flip board and stand	1	
Flip chart	1	
Video camera	1	
Photo camera	2	
Projector pointers	2	
Wireless router	1	
Wireless network USB adapter	10	
IC Recorders	10	
Public address system	2	

Econometrics Laboratory

4 Tables

4 laptops

1 printer

8 chairs

57. Office Accommodation for Staff

Comment on the office accommodation situation for academic staff, stating the size of accommodation, list of furniture items and how many lectures share the rooms.

The office accommodation available for staff is manageable. A sizeable number of staff shares offices from the rank of graduate assistant to senior lecturers, while single offices are allocated to a professor and an associate professor of the Department. A total of offices are available and the average-m². The furniture available includes the following;

Tables	-	33 tables
Chairs	-	99 chairs
File metal cabinets	-	5
Air conditioners	-	35 (one per office)

58. Appraise of Facilities

Appraise the existing facilities in terms of quality and quantity for current and projected enrolment period.

Library: The Central University Library is accessible to staff and students and it is adequate in terms of book materials.

Departmental Library: Department of Agricultural and Extension Library has books accessible to staff and students of the Department and others for reference purposes.

Classrooms: These are shared with other faculties in the University, especially faculties of Science, and Pharmacy. There are other classrooms especially for the Department.

Laboratories: these are available but not adequate

Office furniture: Offices are not fully furnished but house basic items.

59. Table 11: College/School/Faculty/Department Finances: Recurrent income and Expenditure

Complete the Table shown below for the College/School/Faculty/Department in the three years preceding the one in which the programme to be accredited is offered.

Sources of funds	Academic Year			Cost Category	Year ...2012/2013		Year ...2013/2014		Year ...2014/2015	
 Amount in ₦ Amount in ₦ Amount in ₦		Provision	Actual Expenditure	Provision	Actual Expenditure	Provision	Actual Expenditure
University's Budgetary Allocation to the College/School/Fa culty/ Department				1. Staff Salaries 2. Staff Development 3. Library Materials 4. Lab. Equipment 5. Transport/Travel 6. Vehicle Cost 7. Stationery/Copy 8. Teaching Material 9. Maintenance 10. Res./Publication	Centralized - do - - do - - do -	Centralized - do - - do - - do -	Centralized - do - - do - - do -	Centralized - do - - do - - do -	Centralized - do - - do - - do -	Centralized - do - - do - - do -
Consultancy				11. Comp Consumables 12. Entertainment 13. Postage/Telecom 14. Clean/Sanitation 15. Bank Charges 16. Furniture/Equip't	DTLC 2,420,000	DTLC 2,420,000	DTLC 2,810,000	DTLC 2,810,000	DTLC 3,050,000	DTLC 3,050,000
Voluntary Public Support										
Seminar Fees										
Tuition Fees where applicable										
Others (specify)										
Total				Total	2,420,000	2,420,000	2,810,000	2,810,000	3,050,000	3,050,000

60. Table 12: Capital funds: Provision and Expenditure

Complete the Table shown below for the four years preceding the one in which the accreditation is being undertaken

Category	Year ...2011/2012		Year ...2012/2013		Year ...2013/2014		Year ...2014/2015	
	Provision	Expenditure	Provision	Expenditure	Provision	Expenditure	Provision	Expenditure
1. Expansion to physical facilities								
a. Classroom Lecture Theatre								
b. laboratory/workshop studio								
2. Machines and Equipment								
3. Others (specify)								

These items are provided for centrally by the University administration

61. **Assets and Liabilities**

State below the Current Assets and Liabilities of the College/School/Faculty Department.

ASSETS

- One 5.5 KVA generator
- One 2.2 KVA generator
- Two Sharp Photocopier
- Two Desktop Computers
- One Zinox Lap top
- One Dell Laptop
- One HP Laserjet printer
- One HP Deskjet 3-in-1 printer
- One HP Laptop
- Two Refrigerators
- Two Stabilizers
- One Uninterruptible Power Supply
- One Piece of Projector

62. **Financial Appraisal**

Appraise the adequacy of the Funds for the College/School/Faculty/Department.

For recurrent expenditure also indicate the expenditure per annum per student.

The University allocates funds to the Department. The funds have helped the department generally but grossly inadequate.

63. **Appraisal of Standard of Degree Examination**

Appraise of Standard of Examination based on:

- a) Adequacy of coverage of the syllabus content
The syllabus is adequately covered
- b) Quality of Students' answers to the various question
Satisfactory
- c) Quality of practical work, continuous assessment and degree projects
Commendable (External Examiner's report attached)
- d) Students' readiness for the level of manpower he/she is being trained for
Adequate
- e) External moderation scheme (Should be for the last three years past. Include for 2013,2014 and 2015)

The Department has two External Examiners (one for Agricultural Economics option and the other for Agricultural Extension option) who examines the final year students in their research projects and general performance. An oral viva is done to interact with the students (see APPENDIX)

Michael Okpara University of Agriculture, Umudike

VICE-CHANCELLOR:-
Prof. Hilary O. Edeoga
B.Sc, M.Sc, Ph.D (Uniport)
Tel: 082-440555



P.M. B. 7267
Umuahia - Abia State, Nigeria

DEAN:-

Prof. Jude .A. Mbanasor
FSM, M.Sc, Ph.D Nig.
08062327145
E-mail: jambanasor@yahoo.co.uk

Our Ref:

Your Ref:

**COLLEGE OF AGRIBUSINESS
AND FINANCIAL MANAGEMENT**

Date:

MOAU/CABFM/023/VOL. 1

12th December, 2012.

The Vice Chancellor,
University of Port-Harcourt,
Rivers State.

Sir,

REPORT OF EXTERNAL EXAMINATIONS OF B. AGRIC STUDENTS (AGRIC-ECONS)

The oral examination was conducted on 12th December, 2012. The panel was properly constituted with the Ag. Head of Department, Dr. S. O. Olatunji as Chairman.

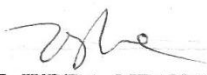
A total of eighteen (18) students were examined in the area of Agricultural Economics. The students were drilled individually in the major areas of the discipline. They showed great understanding of the Methodology underlying the profession of Agricultural Economics. The students were at home in the use of statistical and econometric tools as related to the discipline.

I observed with great admiration the presence of all the supervisors and their contributions during the defense. This is rare in most Universities.

I remain most grateful to the University for the opportunity granted me to serve the University in this capacity.

Thanks.

Yours Sincerely,


PROF. JUDE A. MBANASOR, FSM
EXTERNAL EXAMINER

University of Calabar

DEPARTMENT OF AGRICULTURAL ECONOMICS & EXTENSION
FACULTY OF AGRICULTURE, FORESTRY & WILDLIFE RESOURCES MANAGEMENT
P. M. B. 1115, CALABAR - NIGERIA

Vice Chancellor

Prof. James E. Epoke

B. Sc. Hons (UNN) M. Sc. (London), Ph. D (Lagos)



OFFICE OF THE HEAD OF DEPARTMENT

Ag. Head of Department

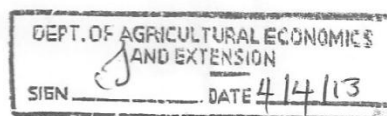
Dr. A. O. Angba

B. Sc., M. Sc., Ph. D (Ibadan)

PGDM, PGDE (Calabar)

Tel: 234-803-5877-809

email: drangba@yahoo.com



February 14, 2013.

The Vice Chancellor,
University of Port Harcourt,
Rivers State.

Dear sir,

Brief report on the assessment of final year students in department of agricultural economics & extension

This brief report is on the oral examination and assessment of the final year students' projects in the Agricultural Extension unit of the department of agricultural economics and extension.

The oral examinations held on the December 13, 2012. A total of 14 students were assessed.

The projects

The format of the projects was very good and consistent by virtually all the students, which implied compliance with departmental requirements. The quality of grammatical construction was also very good and the depth of the written work was very acceptable except for two students. The projects reflected a clear understanding of the research title and subject areas.

Students

- The students display a good understanding of the subject matter.
- Comportment and composure was very good. They also exhibited a high level of confidence.

Staff

The staff were very friendly and committed as virtually all of them turned out for the oral defence. The quality of the project and student's oral presentations show a high level of staff dedication to students' academics.

Recommendations

1. There is a need to ensure the hard copies of the project reach the external examiner at least two weeks before the defence.
2. There is a need for the students in agricultural extension unit, to make attempts at the use of higher statistical tools in projects.
3. Knowledge of research methods and statistics by the students need an improvement

Generally, I would want to commend the staff and student of the department for the quality of research carried out in an environment of warning academic quality in the nation. I hope they will keep it up and also improve upon it where necessary. Thank you for giving me the privilege of being the external examine.

Yours



Dr. Augustine O. Angba
(Reader/External Examiner)

64. **Table 13: Employer's rating of Graduate of Programme/Sub-Discipline/Discipline to be accredited**

Complete the Table below for 10 graduates of Programme/Sub-Discipline to be accredited for each of the three years preceding the Accreditation visit. (Show employers' report on graduates of the Department)

No.	Year of Graduation	Name of Graduates	Programme	Name of Employers or Universities attended by Graduates	Appointment	Summary of Employers' Remark

65. **Table 14: List of Principal Tools, Machines, Instrument and Equipment Available**

Complete the table below in respect of the above
Use separate sheets with same headings if necessary

Name of Laboratory/Clinic/Studio AUDIO-VISUAL LAB

Name of Laboratory/ Clinic/ Centre			
Item No.	Description of items	Quality in Stock (Usable items only)	Remarks
1	Multimedia Overhead projector	Available	
2	Scientific Calculator	Available	
3	Weighing Scale	Available	
4	Rain Boots	Available	
5	Camcoder	Available	
6	Still Camera	Available	
Total Cost of Usable items available at the time of completing questionnaires			

Name of Officer completing the Form:

Dr. Anthony O. Onoja

Signature_____

Date: **November 2016**

APPENDIX I

NATIONAL UNIVERSITIES COMMISSION

PROFESSOR JULIUS A. OKOJIE

SECRETARIAT

DEPUTY SECRETARY

TEL: (09) 4133176-81 (6 Lines)
FAX: (09) 4133520

AJA NWACHUKWU HOUSE,
PLOT 430 AGUIYI-IRONSII STREET,
MAITAMA DISTRICT,
P.M.B. 237, GARKI G.P.O.,
ABUJA - NIGERIA.

NUC/AS/122/Vol. 1

15th April, 2008

The Vice-Chancellor

University of Port Harcourt

Port Harcourt

Dear Sir,

RESOURCE ASSESSMENT VISIT TO UNAPPROVED/NEW ACADEMIC PROGRAMMES/UNITS IN NIGERIAN UNIVERSITIES

The Vice-Chancellor would kindly recall that resource assessment visits were carried out by different panels to unapproved/new academic programmes/units in the University from 9th to 15th December, 2007. I am directed to inform you that the Commission, after a careful study of the reports of the panels, has granted approval for the establishment of the following programme(s)/unit(s):

1. B. Forestry & Wildlife;
2. Splitting of Dept. of Theatre Arts into: (i) Fine Arts & Design and (ii) Theatre Arts.
3. Change of name from the Dept. of History to Dept. of History and Diplomatic Studies.
4. Splitting of the Dept of Philosophy & Religious Studies into: Dept. of Religious and Cultural Studies and Dept. of Philosophy.
5. B.N Sc. Nursing Science
6. B. Agric. Agriculture
7. BDS. Dental Surgery

② Chf. APO/AA

Minutes (2) for urgent atten.
23/4/08

D DVC (Acad)
② Director
Acad. Planning
For your atten
23/4/08
23/4/08

However, the approval of the following programmes is subject to the University rectifying the deficiencies listed below

1. B. Pharm. Pharmacy

- (i) Expedite action on laboratories
- (ii) Provision of adequate library facilities
- (iii) Provision of adequate classrooms
- (iv) Massive recruitment of more qualified academic staff

2. Demerger of Computer Science Department from the Department of Mathematics/Statistics and Computer Science

- (i) Recruitment of adequate academic staff

3. Change of name of Dept. of Botany to Plant Science and Biotechnology

- (i) Improvement in the quality and quantity of library holdings
- (ii) Provision of adequate laboratory Equipment

4. Change of name from the Dept. of Zoology to Animal and Environmental Biology

- (i) Provision of adequate library holdings
- (ii) Procurement of more laboratory equipment

The University is by this letter requested to forward to the Commission duly completed Self Study Forms on the programmes that are mature for accreditation among the programmes newly approved for the University.

I am to further advise that, in view of the enormity of the problems associated with unapproved programmes, universities should not commence the running of any academic programme/unit until requisite approval has been granted by

NUC to avoid putting the future of students in jeopardy as the Commission will no longer attend to requests in retrospect.

With Kind regards

Prof. L. Alhassan Bichi MNIM
Director, Academic Standards
For: Executive Secretary



GOVERNMENT OF RIVERS STATE OF NIGERIA
Office Of The Honourable Commissioner Of Agriculture

The Head,
Department of Agricultural Economics
& Extension, Faculty of Agriculture
University of Port Harcourt
Abuja Campus.

7th November, 2016

Attention: Dr. Anthony O. Onuja

RE: REQUEST FOR EMPLOYER STATEMENT OF MR. OPURUM LOVEDAY

I refer to your letter dated 11th October 2016 on the above subject matter.

I am pleased to respond as follows;

Mr. Oporum Loveday has proven himself to be an invaluable asset in the office of the Honourable Commissioner of the Ministry of Agriculture.

He is punctual to work and takes very seriously all assignment given to him. Mr. Oporum is able to work with minimal supervision and also a good team player in the work place.

I have every confidence to recommend him to you in this regard.

Please accept my warm regards.

Onimim Jacks (Mrs)
Honourable Commissioner for Agriculture
Rivers State

APPENDIX II



FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI
SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY
DEPARTMENT OF AGRICULTURAL ECONOMICS

RAILS 1526
Owerri, Nigeria.
Phone: 083-230576
Telegrams: CDUNTECH

DR. D. O. OHAJIANYA
B. Agric. Tech, M.Sc, Ph.D (FUTO)
HEAD OF DEPARTMENT

PROF C. O. E. ONWULIRI
B.Sc, M.Sc, Ph.D, (Sigs), Biol. (Lond), FDSM, FRSP, AICOMA
VICE CHANCELLOR

Your Ref:

Our Ref:

Date: 1st January, 2011

The Vice Chancellor,
University of Port Harcourt
East-West Road,
Choba
Port-Harcourt

Sir,

EXTERNAL EXAMINER'S REPORT FOR B. AGRICULTURE
(AGRICULTURAL ECONOMICS AND EXTENSION)
EXAMINATIONS, 2009/2010 SESSION.

Title of Degree: B. Agriculture (Agricultural Economics and Extension)

Date of the examination: Tuesday, 14th Dec. 2010

Quality of the final degree examination questions:

Generally the questions were of high quality, very standard and quite satisfactory.

Coverage of the questions in relation to the course contents:

The course contents were generally covered by the lectures to a very high significant level.

Availability of marking schemes:

Marking schemes were available and quite

Comprehensive in most cases. Marks were reasonably and evenly allocated/distributed.

Marking of answer scripts:

The markings were good and allocated in accordance with the marking schemes.

Very impressive and quite good

Margin between the internal examiner's score and the moderated
Scores in the vetted scripts:

Very minimal in most cases and lie reasonably within an
acceptable range.

Students' final year projects and the oral examinations:

i. **Standard of presentation by students:**

The standard of presentation by the students were quite
outstanding and impressive in all cases. The students were
eloquent, bold, confident and nattily dressed for the
examination.

ii. **Methodology of work:**

The methods adopted by the students were consistent and in
consonant with the existing literature in the field of study i.e
Agricultural Economics and Extension. The tools of analysis
used were all properly applied and correct interpretations
and deductions made.

iii. **Knowledge of the field of study:**

The students demonstrated an excellent in-depth knowledge
of their subject areas: Agricultural Economics and Agricultural
Extension respectively.

iv. **References:**

Authors cited in the texts were properly referenced and
arranged chronologically in conformity with APA format.
More attention by lecturers is required in this area for further
improvement.

Performance at the oral examination:

The candidates performed excellently well to the satisfaction of
the examiners as they answered correctly most of the questions
put to them. Highest score was 75% while the lowest was 52%.

Other comments/observations:

I was impressed with the turnout of staff members at the venue of the examination as well as their level of cooperation and participation in the examination process.

This is an indication that 'Espirit de corp' exist among the Departmental staff as well as the leadership of the Department and by extension the students. This is encouraging and I hereby say they should keep up the present tempo and standard.

Recommendations/suggestions.

The University should have a long range development plan in terms of staff mix, infrastructural development as well as the students interest and aim at splitting the present "twin" Department into: Agricultural Economics and Agricultural Extension. Secondly, the student's project should adopt the 5-chapter format instead of the current 6-chapter format. In the present case, where a chapter is wholly devoted to presentation of results without discussing them immediately is very abnormal and does not allow the results and discussion to flow freely but rather clumsy.

I therefore suggest that a Departmental format for project presentation which is the 5- chapter format peculiar to our field of study and specialization should be considered for adoption.

Welfare of the external examiner:

I wish to place on record and to appreciate the Department under the leadership of the HOD Dr. O.M Adesope for properly taking care of my needs throughout my stay.

Also my claims and entitlements were promptly settled without any delay.

Appreciation:

I wish to thank the Vice - Chancellor, senate members, Dean Fac. of Agriculture, Head of Dept. Agric- Econs and Extension as well as all staff members of the Department and students for giving me this rare privilege of serving the University and sharing ideas with my professional colleagues in this unique way for the overall growth, development and upliftment of the Department and the University at large.

Prof. J.S Orebiyi

Signature 

Date: 11/01/2011