

PROPOSAL

FOR

**DOCTOR OF PHILOSOPHY(Ph.D) IN CLINICAL
PSYCHOLOGY (REPRODUCTIVE HEALTH)**

**DEPARTMENT OF MENTAL HEALTH
SCHOOL OF MEDICINE
COLLEGE OF MEDICAL SCIENCES
UNIVERSITY OF BENIN
BENIN CITY
NIGERIA**

A. PREAMBLE/ HISTORICAL BACKGROUND OF THE PROGRAMME

Reproductive health issues remain a global concern in view of their far reaching implications on health care and development. Consistent with the WHO Health definition of health as “a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity” Reproductive health involves issues that transcend the provision of curative measures and issues related to contraception and fertility control; it embraces preventive measures of attaining reproductive health in various ways. To this end and in line with the multidisciplinary nature of Reproductive health, Clinical Psychology provides a necessary intellectual template for achieving and sustaining the goals of reproductive health. The interface between Clinical Psychology and Reproductive health provides a means of exploring salient issues in reproductive health that were hitherto relegated to the background, foremost among them are psychological/behavioral aspects of reproductive health issues such as adolescent sexuality, HIV/AIDS, infertility, adoption, abortion, gender issues, prostitution and trafficking in persons.

B. PHILOSOPHY

The philosophy is to develop highly skilled manpower in the area of clinical psychology for the provision of specialized services in assessments, interventions, prevention and research on disorders of psychological origins particularly as it relates to reproductive health. Those trained should be able to make relevant contributions in reproductive health research areas that meet international standards.

C. AIM: To provide an intellectual template for achieving and sustaining the goals of Reproductive Health

OBJECTIVES

The objectives of this programme are as follows:

- a) To provide an advanced training in application of psychological theories and principles in clinical psychology and reproductive health;
- b) To train students in modern research techniques and applications;
- c) To providing experience and proficiency in the major areas of clinical psychology with a bias in reproductive health;

- d) To provide advanced training in health research and application of health management skills in the health sector.

D. EXPECTED LEARNING OUTCOMES

At the end of the programme, candidates are to have acquired skills, competencies, experience and proficiency in clinical psychology and reproductive health that will enable them to provide services and carry out researches in reproductive health as well as function independently as clinical psychologists.

E. ADMISSION REQUIREMENTS

- (i) Possession of an M.Sc degree in Clinical Psychology from a recognized University with at least 60% average score.

F. DURATION OF PROGRAMME

The course is for a minimum of two (2) years and a maximum of five (5) years.

REQUIREMENTS FOR GRADUATION

To qualify for the award of the PhD Degree in Clinical Psychology (RH), a candidate must have

- (i) Successfully completed the course of instruction and seminar presentations approved by the Department.
- (ii) Submit and defend a Thesis.
- (iii) Meet the requirement as stipulated in the Regulations of the University's School of Post graduate studies.

H. CONDITION FOR WITHDRAWAL

Candidates who earn less than 8 credits from the taught courses at the end of the first year should withdraw from the programme.

2.1 COURSE TITLES

COURSE CODE	COURSE TITLE	CREDIT UNITS
MHRH 901	ADVANCED RESEARCH METHODS AND BIO STATISTICS	3units
MHRH 902	PSYCHOLOGY OF TESTING AND TEST MEASUREMENT	3units
MHRH 903	PRACTICUM IN CLINICAL PSYCHOLOGY AND REPRODUCTIVE HEALTH	3units
MHRH 904	DOCTORAL SEMINAR IN CLINICAL PSYCHOLOGY	3units
MHRH 905	DOCTORAL RESEARCH SEMINAR IN REPRODUCTIVE HEALTH	3units
MHRH 906	DOCTORAL SEMINAR IN MENTAL HEALTH	3units
MHRH 907	DOCTORAL INTERNSHIP	6units
MHRH 999	Ph.D THESIS	12units
TOTAL CREDIT UNITS		36 units

FISRT YEAR: FIRST SEMESTER

COURSE CODE	COURSE TITLE	CREDIT UNITS
MHRH 901	ADVANCED RESEARCH METHODS AND BIO STATISTICS	3units
MHRH 902	PSYCHOLOGY OF TESTING AND TEST MEASUREMENT	3units
MHRH 903	PRACTICUM IN CLINICAL PSYCHOLOGY AND REPRODUCTIVE HEALTH	3units
TOTAL CREDIT UNITS		9 units

1ST YEAR: 2ND SEMESTER

COURSE CODE	COURSE TITLE	
MHRH 904	DOCTORAL SEMINAR IN CLINICAL PSYCHOLOGY	3units
MHRH 905	DOCTORAL RESEARCH SEMINAR IN REPRODUCTIVE HEALTH	3units
MHRH 906	DOCTORAL SEMINAR IN MENTAL HEALTH	3units
TOTAL CREDIT UNITS		9 units

2ND AND 3RD YEARS

COURSE CODE	COURSE TITLE	
MHRH 907	DOCTORAL INTERNSHIP	6 units
MHRH 999	PhD THESIS	12units
TOTAL CREDIT UNITS		18 units

2.2 COURSE SYNOPSIS

MHRH 901 ADVANCED RESEARCH METHODS AND BIO STATISTICS

Concepts and problems of behavioural research, control, inference and generalization, demand characteristics and concept of quasi-control. Naturalistic view point in psychological research. Theory of experimentation, experimental designs; hypotheses testing; internal and external validity; plausible and rival hypothesis. Quasi-experimental designs. Correlational research; complex correlation designs; mixed designs; single subject research. Multivariate analysis and psychological theory. Some fundamental issue in psychological methodology; subjectivity vs. objectivity; theory vs. data; behavior artifacts. Social Science Quantitative and Qualitative Research Methods as applied to clinical settings. Major research designs. Measurement techniques. Research problems in clinical psychology. Research methods in social and clinical psychology. Interpreting and using research results. Computer applications to statistical analysis of research data.

MHRH 902 PSYCHOLOGY OF TESTING AND TEST MEASUREMENT

Principles, applications and issues of psychological testing. Norms and basic statistics for testing. Writing and evaluating test items. Test administration. Interviewing techniques. Theories and application of intelligence and personality tests. Test bias. Testing in clinical settings. Ethics and the future of psychological testing.

MHRH 903 PRACTICUM IN CLINICAL PSYCHOLOGY

Individual written reports and audio/ video presentations of completed project in: group therapy. Gestalt therapy behavior modification and traditional treatment of psychological disorders.

MHRH 904 DOCTORAL SEMINAR IN CLINICAL PSYCHOLOGY

Each candidate shall present a seminar in any of these areas or on related topics; Advanced clinical research methodology, problems of clinical psychology practice in Nigeria. Ethical problems in clinical psychology practice, assessment and treatment of adolescents, children, use of projective psycho-diagnostic techniques. The topic shall be approved by the departmental postgraduate committee.

MHRH 905 DOCTORAL RESEARCH SEMINAR IN REPRODUCTIVE HEALTH PSY

Each candidate shall present a seminar in a chosen area of reproductive health. The topic of the seminar shall be approved by the departmental postgraduate committee.

MHRH 906 DOCTORAL SEMINAR IN MENTAL HEALTH

Each candidate shall present a seminar on a contemporary issue in mental health or on an African related psychological problem and treatment method. The topic of the seminar shall be approved by the departmental postgraduate committee.

MHRH 907 DOCTORAL INTERNSHIP

Provides the candidate the opportunity to put into practice the experiences and competencies learnt in the period of clinical training in a real clinical setting. The duration shall be twelve (12) months.

MHRH 999 PhD THESIS

The candidate shall submit and defend a thesis in accordance with the University's School of Post graduate studies regulations. The thesis shall reflect high scholarship and distinctly contribute to the field of knowledge.

3.1

DEPARTMENT OF MENTAL HEALTH ACADEMIC STAFF LIST

S/N	Name	Qualification	Status	Area of specialization/ Teaching Area
1.	Prof. (Mrs) C.E. Ofovwe	MSc(Uniben) PhD (Limpopo)	Professor	Clinical Psychology
2.	Mr. A.G.T. Imade	BSc(Lagos) MPhil(Lagos)	Senior lecturer	Clinical Psychology
3.	Dr. K.O. Akhigbe	MBBS, FWACP	Assoc. Professor	Psychiatry
4.	Dr. A.N. Otakpor	MBBS, FWACP	Senior lecturer	Psychiatry
5.	Dr. E. Uwadiae	MBBS, FWACP	Senior Lecturer	Psychiatry
6.	Dr R.O. Osahon	MBBS, FWACP	Senior Lecturer(Contract)	Psychiatry
7.	Dr O. Ihenyen	MBBS, FWACP	Senior Lecturer(Contract)	Psychiatry
	EXTERNAL STAFF			
8.	Prof. F. Okonofua	MBBS, FWACP	Professor	Obstetrics & Gynaecology
9.	Prof. JUE Onakewhor	MBBS, FWACP	Professor	Obstetrics & Gynaecology
10.	Prof. A.B.A Ande	MBBS, FWACP	Professor	Obstetrics & Gynaecology
11.	Prof. A. Ogbeibu	Ph.D (Zoology)	Professor	Biostatistics
12.	Prof. R. Ozolua	Ph.D (Pharmacology)	Professor	Pharmacology
13.	Prof. S. Chiemeké	Ph.D (Computer)	Professor	Computer Science
14.	Prof. N. Aniekwu	Ph.D (Law)	Professor	Reproductive Health Law
15.	Prof. E.O. Akinnawo	Ph.D	Professor	Clinical Psychology
16.	Prof J. Hussein	University of Aberdeen, Scotland, UK	Professor	Obstetrics & Gynaecology
17.	Dr. O.N. Koleoso	PhD (Ibadan)	Asst. Chief Clinical Psychologist, UBTH	Clinical Psychology
18.	Dr. A.B Aroyewun	PhD (BSU)	Clinical Psychologist, Uselu Psych. Hosp.	Clinical Psychology

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A. PREAMBLE/ HISTORICAL BACKGROUND OF THE PROGRAMME

The M.Sc Programme in Clinical Psychology started in 1979. It was one of the pioneer centres for the post graduate training in Clinical Psychology in Nigeria. Indeed, it was the first post graduate programme in the College of Medical Sciences, in the University of Benin.

Reproductive health issues remain a global concern in view of their far reaching implications on health care and development. Consistent with the WHO Health definition of health as “a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity” Reproductive health involves issues that transcend the provision of curative measures and issues related to contraception and fertility control; it embraces preventive measures of attaining reproductive health in various ways. To this end and in line with the multidisciplinary nature of Reproductive health, Clinical Psychology provides a necessary intellectual template for achieving and sustaining the goals of reproductive health. The interface between Clinical Psychology and Reproductive health provides a means of exploring salient issues in reproductive health that were hitherto relegated to the background, foremost among them are psychological/behavioral aspects of reproductive health issues such as adolescent sexuality, HIV/AIDS, infertility, adoption, abortion, gender issues, prostitution and trafficking in persons.

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- h) To provide advanced training in health research and application of health management skills in the health sector.

D. EXPECTED LEARNING OUTCOMES

At the end of the programme, candidates are to have acquired skills, competencies, experience and proficiency in clinical psychology and reproductive health that will enable them to provide services and carry out researches in reproductive health as well as function independently as clinical psychologists.

E. ADMISSION REQUIREMENTS

- (i) Possession of a Bachelor's degree in psychology or MB BS or its equivalent from a recognized University
- (ii) The Bachelor's degree should not be lower than second class, if classified
- (iii) Any other candidate may be eligible for admission provided that such a candidate passes a qualifying test for this special purpose, and provided also that facilities are available for remedial training.

F. DURATION OF PROGRAMME

The course is for a minimum of 12 months and a maximum of 24 months.

G. REQUIREMENTS FOR GRADUATION

In order to be eligible for graduation from the programme, a candidate shall:

- (iv) Obtain a score not less than 50% in each of the courses offered including the supervisor's rating of clinical skills.
- (v) Accumulate a minimum of 35 credits on the programme.
- (vi) Submit and successfully defend dissertation/thesis.

H. CONDITION FOR WITHDRAWAL

Candidates who earn less than 8 credits from the taught courses at the end of the first year should withdraw from the programme.

2.1 COURSE TITLES

COURSE CODE	COURSE TITLES	CREDIT UNITS
MHRH 801	THEORIES, CONTROVERSIES AND PARADIGMS IN PSYCHOLOGY	2 units
MHRH 802	PSYCHOTHERAPY AND BEHAVIOUR MODIFICATION	3 units
MHRH 803	PSYCHOLOGICAL TESTING & ASSESSMENT	3 units
MHRH 804	ADVANCED PSYCHOPATHOLOGY	2 units
MHRH 805	RESEARCH METHODS IN PSYCHOLOGY	2 units
MHRH 806	BIO STATISTICS	2 units
CSRH 801	INFORMATION & COMMUNICATION TECHNOLOGY	2 units
OGRH811	REPRODUCTIVE HEALTH INTRODUCTION AND FOUNDATION	2 units
MHRH 807 *	PSYCHOLOGY OF REPRODUCTIVE HEALTH	2 units
RHLRH801	REPRODUCTIVE HEALTH LAW	2 units
MHRH 808	PHYSIOLOGICAL PSYCHOLOGY/REPRODUCTIVE HEALTH	2 units
MHRH 809	ADVANCED PSYCHOPHARMACOLOGY	2 units
MHRH 810*	FUNDAMENTALS OF HEALTH PSYCHOLOGY	2 units
MHRH 811	ETHICS IN CLINICAL PSYCHOLOGY	2 units
MHRH 812	PRACTICUM	4 units
MHRH 899	DISSERTATION	6 units
TOTAL CREDIT UNITS		40 units

*= Elective Courses

YEAR 1: 1ST SEMESTER

COURSE CODE	COURSE TITLE	CREDIT UNITS
MHRH 801	THEORIES, CONTROVERSIES AND PARADIGMS IN PSYCHOLOGY	2 units
MHRH 802	PSYCHOTHERAPY AND BEHAVIOUR MODIFICATION	3 units
MHRH 803	PSYCHOLOGICAL TESTING & ASSESSMENT	3 units
MHRH 804	ADVANCED PSYCHOPATHOLOGY	2 units
MHRH 805	RESEARCH METHODS IN PSYCHOLOGY	2 units
MHRH 806	BIO STATISTICS	2 units
MHRH 810*	FUNDAMENTALS OF HEALTH PSYCHOLOGY	2 units
CSRH 801	INFORMATION & COMMUNICATION TECHNOLOGY	2 units
TOTAL CREDIT UNITS		18 units

*= Elective Course

YEAR 1: 2ND SEMESTER

COURSE CODE	COURSE TITLE	CREDIT UNITS
OGRH811	REPRODUCTIVE HEALTH INTRODUCTION AND FOUNDATION	2 units
HLRH 801	REPRODUCTIVE HEALTH LAW	2 units
MHRH 807 *	PSYCHOLOGY OF REPRODUCTIVE HEALTH	2 units
MHRH 808	PHYSIOLOGICAL PSYCHOLOGY/REPRODUCTIVE HEALTH	2 units
MHRH 809	ADVANCED PSYCHOPHARMACOLOGY	2 units
MHRH 811	ETHICS IN CLINICAL PSYCHOLOGY	2units
MHRH 812	INTERNSHIP	4 units
MHRH 899	DISSERTATION	6 units
TOTAL CREDIT UNITS		22units

*= Elective Course

2.2 COURSE SYNOPSIS

MHRH 801 THEORIES, CONTROVERSIES AND PARADIGMS IN PSYCHOLOGY

Nature of science, Emergence of psychology, systems of psychology; Descartes, dualism and monism, associationism, structuralism, functionalism, behaviorism, gestalt psychology, psychoanalytic psychology, humanism, existentialism and phenomenology, personality theory, Development of Nigerian systems and theories.

MHRH 802 PSYCHOTHERAPY AND BEHAVIOUR MODIFICATION

Theory, practice and application of psychoanalytic, client-centered, gestalt, humanistic existential, cognitive, group, family milieu community and African traditional therapies. Theories and assumptions of the behaviorists, principles, practice and application of behavior therapies; systematic desensitization, aversive conditioning, token economy, modeling, role playing, psycho drama, assertiveness training, biofeedback training, social skill training, hypnotherapy, meditation, yoga and somatic therapies.

MHRH 803 PSYCHOLOGICAL TESTING AND ASSESSMENT

The history of psychological testing, a survey of psychological tests and their classification. Concepts, objectives, requirements, stages, principles, methods and problems of clinical assessment. Selection, administration, scoring, interpretation and reporting of intellectual, vocational aptitude and personality tests. Theories, assumptions and problems of clinical assessment. Theory, practice and application of assessment methods to different age group. Report writing and evaluation. Production of audio/video assessment and intervention record.

MHRH 804 ADVANCED PSYCHOPATHOLOGY

The nature and scope of psychopathology, the historical background of psychopathology; the nature of causation in abnormal psychology; the concept of normality; classification and epidemiology of adult and child psychological disorders, current approaches to abnormal behaviour and experience, theory and practice; theory and research on disorders of psychological functioning; institutional environments; psychological problems in the community.

A historical introduction to psychiatry, examination and evaluation in psychiatry, the classification of psychiatric disorders, psychiatric emergencies, psychiatric problems of childhood and adolescence, psycho-geriatrics, drug dependence, suicide and para-suicide, treatment methods in psychiatry, psychiatric epidemiology, legal considerations in psychiatry.

MHRH 805 RESEARCH METHODS IN PSYCHOLOGY

The language and approach of science, problems and hypotheses, constructs, variables and their definitions, problems of experimental design; group and single-case designs, measurement theory and test construction, the use and place of statistics in clinical psychology, practicum in research design and execution.

MHRH 806 BIO STATISTICS

A review of basic research principles and biostatistical concepts; Types of Data; Frequency Distributions; Normal Distribution, Measures of Central tendency and Dispersion; One Sample Hypotheses; Parametric and Nonparametric statistics; Two Sample Hypotheses; Multisample Hypotheses and multiple comparisons; Two factor analysis of variance; Data transformations; Multi-way factorial analysis of variance; Linear regression and regression equation; simple linear correlation; Probability distributions, binomial distribution; testing for randomness inclusive of poisson probabilities.

CSRH 801 INFORMATION & COMMUNICATION TECHNOLOGY

Use of Computers, Introduction to Computer Hardware and Software, Basic Computer operating system, Common File operations and Formats: text files, doc, rtf, pdf, ps; compression software, audio and video files etc Readers and Format Converters, Use of basic utilities such as Word Processing, Spreadsheets and Presentation, Browsers , web document formats, web development tools, Introduction to the hypertext mark-up language. Laboratory Exercises using applications running on relevant Operating Systems such as Windows Linux, Mac OS. introduction to computing; The definitions and scope of computer science; Fields and Interests in computer science; Information representation in a computer; number Systems; Basic Computer Organization and Instruction sets; Problem Solving using flowcharts, algorithm and pseudo-codes; Introduction to Programming Languages and Logic; Computer Networks and the Internet; Computers and Society; Introduction to Ethics and Professional Issues of computing.

OGRH 811 REPRODUCTIVE HEALTH INTRODUCTIONS AND FOUNDATION

The concept of Reproductive Health foundation: Foundations in Reproductive Health, Safe motherhood, Adolescent Reproductive health, unsafe abortion, sexuality; gender issues, prostitution and trafficking, social, political and behavioural aspects of reproductive health.

MHRH 807 PSYCHOLOGY OF REPRODUCTIVE HEALTH

Gender perspectives, mental health aspects of reproductive health, psychological aspects pregnancy, infertility, fertility counseling, family planning, abortion, adoption. Adolescent/youth sexuality, HIV/AIDS. Culture and reproductive health.

HLRH 801 REPRODUCTIVE HEALTH LAW

Definition of reproductive health and rights: the meanings of reproductive health, reproductive rights, sexual health, sexual rights; the emergence and evolution of reproductive health rights; key issues in reproductive health and rights: HIV/AIDS; abortion; maternal health; family planning; harmful traditional practices including female genital mutilation, widowhood practices; domestic and sexual violence; human rights and reproductive health; international conference and treaty provisions on human rights: international human rights impacts in reproductive health: rights to life & survival, rights to health & security, rights to reproductive self determination, rights to self autonomy, rights to information, education & decision making, rights to freedom of thought, conscience and religion, rights to private and family life. Development of reproductive health laws; the role of law in advancing reproductive health International developments in reproductive health laws; regional developments in reproductive health laws (using Africa as a regional example). Reproductive health and rights in Africa (using Nigeria as a case study); Reproductive health laws and policies (using Nigeria as a case study); feminist theories and women's rights

MHRH 808 PHYSIOLOGICAL PSYCHOLOGY / REPRODUCTIVE HEALTH

The general features/functions of human nervous system, the brain and spinal cord, the general senses and their pathways, Autonomic and neuro-endocrine functions (behavioural endocrinology). Cortical and sub cortical functions in behaviour, the effects of stress, organic pathology and its psychological consequences, recording and measurement of cortical and autonomic activity.

- (a) Cerebral cortex and sub cortical structure
- (b) Motor and sensory functions
- (c) Cerebral specialization
- (d) Reproductive health anatomy: hypothalamic-pituitary control of reproduction, gonadal physiology-the testis and ovary, the uterus.

MHRH 809 ADVANCED PSYCHOPHARMACOLOGY

Psychopharmacology as related to clinical psychology. Fundamental of pharmacology and psychology:

- (a) Properties of drug preparations and biological tissues
- (b) Drug receptors
- (c) Mechanism of drug action
- (d) Dose-response relationships
- (e) Drug metabolism, tolerance and sensitivity

Drug therapy of mental illness and psychological correlates. Principles of animal testing and screening procedures in evaluating psychotropic drugs. Biochemical correlates of the behavioural effects of drugs. The limbic system and its pharmacological aspects; electrophysiological correlates of the action of drugs in the brain.

MHRH 810 FUNDAMENTALS HEALTH PSYCHOLOGY

The role of psychology in health care delivery. Theories and models of health psychology, determinants of health behavior, personality and illness, health and illness behavior, health inequalities, beliefs and behavior, health seeking behavior, life style and health, nutrition and health.

MHRH 811 ETHICS AND LEGAL ISSUES IN CLINICAL PSYCHOLOGY

Ethics in Psychology; use and management of psychological instruments, Elements of ethics; confidentiality, issues of informed consent, critical ethical principles and legalistic issues in psychology. Principles of setting up and operating a clinical practice.

MHRH 812 INTERNSHIP

Students shall be assigned to establishments approved by the departmental postgraduate committee for the purpose of acquiring practical experience. Students are expected to keep log books throughout the period of the internship. The report shall be counter signed by the student and submitted to the head of department. Internal supervisors shall pay unscheduled visits to the establishments in the course of the internship.

MHRH 899 DISSERTATION

Dissertation/thesis in an approved area of study. Research project shall be supervised by both an internal and an external supervisor.

3.1 DEPARTMENT OF MENTAL HEALTH ACADEMIC STAFF LIST

S/N	Name	Qualification	Status	Area of specialization/ Teaching Area
19.	Prof. (Mrs) C.E. Ofovwe	MSc(Uniben) Ph.D (Limpopo)	Professor	Clinical Psychology
20.	Mr. A.G.T. Imade	BSc(Lagos) Mphil(Lagos)	Senior lecturer	Clinical Psychology
21.	Dr. K.O. Akhigbe	MBBS, FWACP	Assoc. Professor	Psychiatry
22.	Dr. A.N. Otakpor	MBBS, FWACP	Senior lecturer	Psychiatry
23.	Dr. E. Uwadiae	MBBS, FWACP	Senior Lecturer	Psychiatry
24.	Dr R.O. Osahon	MBBS, FWACP	Senior Lecturer(Contract)	Psychiatry
25.	Dr O. Ihenyen	MBBS, FWACP	Senior Lecturer(Contract)	Psychiatry
	EXTERNAL STAFF			
26.	Prof. F. Okonofua	MBBS, FWACP	Professor	Obstetrics & Gynaecology
27.	Prof. JUE Onakewhor	MBBS, FWACP	Professor	Obstetrics & Gynaecology
28.	Prof. A.B.A Ande	MBBS, FWACP	Professor	Obstetrics & Gynaecology
29.	Prof. A. Ogbeibu	Ph.D (Zoology)	Professor	Biostatistics
30.	Prof. R. Ozolua	Ph.D (Pharmacology)	Professor	Pharmacology
31.	Prof. S. Chiemekwe	Ph.D (Computer)	Professor	Computer Science
32.	Prof. N. Aniekwu	Ph.D (Law)	Professor	Reproductive Health Law
33.	Prof. E.O. Akinnawo	Ph.D	Professor	Clinical Psychology
34.	Prof J. Hussein	University of Aberdeen, Scotland, UK	Professor	Obstetrics & Gynaecology
35.	Dr. E.B. Ezenwanne	PhD (ABU)	Senior Lecturer	Physiology
36.	Dr. O.N. Koleoso	PhD (Ibadan)	Asst. Chief Clinical Psychologist, UBTH	Clinical Psychology
37.	Dr. A.B Aroyewun	PhD (BSU)	Clinical Psychologist, Uselu Psych. Hosp.	Clinical Psychology

***DEPARTMENT OF MENTAL HEALTH
SCHOOL OF MEDICINE
COLLEGE OF MEDICAL SCIENCES
UNIVERSITY OF BENIN
BENIN-CITY, NIGERIA.***

PROPOSAL FOR A

***MASTER OF SCIENCE (MSc.) DEGREE
IN APPLIED BEHAVIOR ANALYSIS***

2014

PREAMBLE:

Applied Behavior Analysis has been defined as a scientific approach for discovering environmental variables that reliably influence SOCIALLY significant behavior, and for developing a technology of behavior change that takes practical advantage of these discoveries. This technology of behavior change has increasingly gained wide acclaim in every facet of human life because of the ubiquity of behavior.

Applied Behavior Analysis which took its root from the works of B.F. Skinner, is an offshoot of psychology. The technology of behavior change is widely used in Education as Precision Teaching, Errorless Learning, and Incidental Teaching amongst others; in management as Organizational Behavior Management; in Medicine as an essential tool in the practice of Behavioral Medicine, Mental Health and Developmental disabilities. The tool is a sine qua non for effective parenting practices, and for the building of the healthy society of our dream!

There is no doubt that graduates of this programme will have no need to queue up in the labor market as the functional nature of the course enables them to create employment for themselves and others. Furthermore, being the first of its kind in Africa, willing collaborators from different Universities in the United States of America will help to establish the course thereby boosting the image of our University in the International arena.

PHILOSOPHY OF THE PROGRAMME

The programme, MSc. Applied Behavior Analysis, aspires to train students to international standards, equipping them with the necessary advanced knowledge, skill and professionalism to tackle the myriad behaviors of social significance in the world at large. This course philosophy fits in with the University of Benin motto “Knowledge for Service”. The wide applicability of the principles of behavior analysis and acquisition of this knowledge and skill by the students will transform them into more knowledgeable and effective parents, efficient servers of the teeming population of persons with intellectual disabilities and various addictive behaviors, as well as rescue the declining academic performance of our youths for a better society.

Finally, it seeks to provide students with the requirements for international certification and recognition to ply their trade in any part of the world.

PROGRAMME AIMS

The MSc. Applied Behavior Analysis course aims at providing the students with detailed comprehensive knowledge, skills and evidence-based assessment and intervention methods in the management of socially significant behaviors.

COURSE OBJECTIVES/EXPECTED LEARNING OUTCOMES:

Upon completion of the program, students should be able to

- 1. Demonstrate acquisition of the knowledge, principles and skills of Applied Behavior Analysis.*
- 2. Demonstrate application of assessment and behavior change procedures involved in educating and treating problem behaviors in general.*
- 3. Demonstrate understanding of learning, communication, social characteristics of individuals in general, including those with developmental disabilities, as manifested by knowledge of effective individualized curriculum planning, effective behavior management and an understanding of evidence-based practice.*
- 4. Demonstrate skills in protocol design, grant applications and presentation of research findings, monitoring and evaluation of socially significant behaviors.*

ADMISSION REQUIREMENTS:

Since the course provides a technological tool that is applicable across all disciplines, applicants who are in possession of a Bachelor degree with a minimum of second-class Honors division from any University recognized by the University of Benin will be considered when the program becomes self-sustaining. Therefore at take-off and throughout its formative years (probably the first 5-years) only qualified applicants in the fields of Medicine, Dentistry, Pharmacy, Psychology, Nursing, Guidance and Counseling, and Health Education will be admitted.

For unclassified degrees, the applicant should have a CGPA of not less than 3.0 points.

COURSE DURATION:

The full time course is for a minimum of 12 months and a maximum of 24 months, while for the part-time the duration is for a minimum of 18months and a maximum of 36 months.

REQUIREMENTS FOR GRADUATION:

To be eligible for graduation, the candidate shall

- 1. Obtain a score of not less than 50% or grading of 'C' as a minimum in all the prescribed courses.*
- 2. Accumulate a minimum of 35 credits on the programme.*
- 3. Submit and successfully defend a dissertation or thesis.*

GRADING SYSTEM:

The following scale will be used to assess and grade performance of students in all the courses and projects:

% SCORE	ALPHABETIC GRADE	POINTS
70 – 100	A	5
60 – 69	B	4
50 – 59	C	3
0 – 49	F	0

CONDITIONS FOR WITHDRAWAL:

Any student who earns 8 credits or less at the end of the first year shall be required to withdraw from the programme. Also, a student who fails to complete the programme (including completion and defense of the thesis/dissertation) within the University stipulated maximum period of 2 years shall be required to withdraw from the programme.

COURSE TITLES**FIRST SEMESTER/FIRST YEAR**

COURSE CODE	COURSE TITLE	CREDIT UNIT
MHABA 888	Basic Psychology/Neurosciences	1
MHABA 801	<i>Basic Principles of Applied Behavior Analysis</i>	2
MHABA 802	<i>Basic Principles of Experimental Analysis of Behavior.</i>	3
MHABA 803	<i>Ethical Issues and Professional Standards in Applied Behavior Analysis I.</i>	3
MHABA 804	<i>Behavioral Observation and Functional Assessment</i>	3
MHABA 805	<i>Development of Applied Behavioral Intervention Programs</i>	3
MHABA 806	<i>Advanced Research Methods in Applied Behavior Analysis</i>	3
MHABA 807	<i>Applied Behavior Analysis Practicum</i>	2
TOTAL CREDIT UNIT		20

SECOND SEMESTER

COURSE CODE	COURSE TITLE	CREDIT UNIT
MHABA 808	<i>Advanced Principles of Learning and Analysis of Behavior</i>	3
MHABA 809	<i>Basic Principles of Organizational Behavior Management (OBM)</i>	2
MHABA 810	<i>Applied Behavior Analysis in Mental Disorders/ Developmental disabilities and Problem Behaviors in General</i>	3
MHABA 811	<i>Applied Behavior Analysis Practicum</i>	2
MHABA 812	<i>Ethical Issues and Professional Standards in Applied Behavior Analysis 2</i>	3
MHABA 813	<i>Applied Behavior Analysis Practicum</i>	3

MHABA 899	Research Project	4
TOTAL CREDIT UNIT		20

COURSE DESCRIPTION

MHABA 801:

An introduction to the fundamental principles of behavior including the history, theory, definitions, processes, concepts and characteristics of applied behavior analysis (ABA). It will specifically cover the philosophical assumptions of behavior analysis including lawfulness of behavior, determinism, empiricism, parsimony, experimentation and philosophic doubt; environmental and mentalistic explanations of behavior; origins of behavior including private events, and behavior-environment relations; distinctions between experimental analysis of behavior, applied behavior analysis, and behavioral technologies; the dimensions of applied behavior analysis and application to assess behavior analytic interventions; definition and examples of behavior, response and response class; stimulus and stimulus class.

MHABA 802:

This course will introduce students to the practical applications of research methodology in order to examine the effects, and evaluate the efficacy, of behavioral interventions. It will provide students with an empirical science approach to designing, conducting and critically evaluating research-involving applications of the experimental analysis of behavior in the use of graphic displays, single-case, ABAB, multiple baseline, criterion and alternating treatment designs.

MHABA 803:

Ethical standards and legal responsibilities including regulatory requirements for applied behavior analysis professionals who provide services to individuals with special needs and their families. Topics covered include background for ethics in behavior analysis, consent/surrogate consent/guardian consent; confidentiality-limits to and breaches of confidentiality; protecting client's dignity, health and safety; advocating for the client; conflict of interest.

MHABA 804:

This focuses on how to conduct behavioral observation and functional analyses using various methods for assessment and data collection, organization and interpretation. Definition of behavior and environmental variables in observable and measurable manner; choosing appropriate schedule and measures, and recording technique; analyzing behavioral data; direct and indirect assessment methods; varieties of functional analyses;

MHABA 805:

This covers techniques for conducting task analysis, self management, developing target intervention outcomes, determining alternative behaviors and environmental changes, and use of behavior change procedures such as reinforcement, extinction, punishment, shaping, forward and backward chaining; modeling and imitation training; functional communication training; token economy and other conditioned reinforcement methods; performance monitoring and other reinforcement systems, procedural integrity, evaluation of program effectiveness

MHABA 806:

*This course builds upon **MHABA 801** and **MHABA 802** and focuses on research techniques such as time-series methods for single case assessment, behavior measurement and the effectiveness of treatment interventions on behavior. It includes conducting component and parametric analyses and use of experimental designs like withdrawal, reversal, criterion and multiple baselines.*

MHABA 808:

Here, in-depth review of the philosophy and theory of behaviorism and its scientific application including Skinner's conceptual framework, fundamental elements of behavior change and procedures are covered. Topics covered include reinforcement and differential reinforcement, punishment, extinction, motivating and establishing operations, discrimination training and use of other antecedent manipulations like instruction and rule governed behavior; behavioral contract; interdependent, dependent and independent group contingencies; Premack principle, matching law and choice making; behavioral momentum; behavioral contrast; stimulus equivalence; errorless learning procedures

MHABA 809:

Overview and use of Behavioral Systems Analysis (BSA) and performance management (PM) as they relate to the identification and modification of the environmental variables that can affect and improve individuals and organizational performance as a system. The techniques include analysis of antecedents, behavior and consequences and development of interventions to support the desired performance improvements and increase system productivity.

MHABA 810:

An overview of the major theories and research related to normal child development; parenting and developments through the life cycle; development of psychological disorders of childhood and adolescence, including autism, attention deficit disorder, behavior problems and intellectual

disabilities. Application of behavioral principles in family therapy, substance use disorder, mood disorders.

MHABA 812:

This course covers detailed treatment of professional standards and ethical considerations as contained in the 4th edition of the TASK LIST of the Behavior Analysts Certification Board. Topics covered include BACB guidelines for responsible conduct; responsibility to clients/patients, colleagues, society and to the field of behavior analysis; professional skills for ethical behavior analysts.

MHABA 807, 811 and 813:

These practical ABA sessions have been designed for supervised experiential learning involving behavioral observation/ recording using continuous and discontinuous methods, and graphing of data. Training sessions will include discrete trials, pivotal response and incidental teaching techniques, modeling, shaping and imitation, mand, tact, echoic and intraverbal training amongst others. Each weekly practical session which will count as a part of the prescribed supervision hours for international certification, will last 3 hours.

MHABA 899: Research Project

Candidates will carry out individually a research project in any area of their interest, applying research methods of applied behavior analysis in order to demonstrate good understanding and mastery of this aspect of the course.

MHABA 888: Basic Psychology/Neurosciences

This first semester introductory course is compulsory for candidates who do not have adequate science background. Basic psychology topics cover normal developmental processes through the life cycle and relating to thinking, remembering & memory; perception, emotion, learning. Neuro-anatomy, neurochemistry and neuro-physiology with emphasis on the Autonomic & Central nervous systems (cerebral cortex, limbic system, thalamic & sub thalamic nuclei) and the neurotransmitters. Genetics and inheritance.

PROGRAM STAFF LIST

S/No	NAME	DEPARTMENT/ INSTITUTION	DESIGNATION	QUALIFICATION
1.	<i>Dr. (Mrs.) C.E. Ofovwé</i>	<i>Mental Health, UNIBEN</i>	<i>Professor</i>	<i>M.Sc., PhD</i>
2.	<i>Dr. K.O. Akhigbe</i>	<i>Mental Health, UNIBEN</i>	<i>Associate Professor</i>	<i>MBBS, FWACP</i>
3.	<i>Mr. A.G.T Imade</i>	<i>Mental Health, UNIBEN</i>	<i>Senior Lecturer</i>	<i>M.Phil</i>
4.	<i>Dr. A.N. Otakpor</i>	<i>Mental Health, UNIBEN</i>	<i>Senior Lecturer</i>	<i>MBBS, FWACP, FMCP, BCBA-D</i>
5.	<i>Dr. E. Uwadiae</i>	<i>Mental Health, UNIBEN</i>	<i>Senior Lecturer</i>	<i>MBBS, FWACP</i>
6.	<i>Dr. R.O. Osahon</i>	<i>Mental Health, UNIBEN</i>	<i>Senior Lecturer</i>	<i>MBBS, FWACP, MRCPsych</i>
7.	<i>Dr. O. Ihenyen</i>	<i>Mental Health, UNIBEN</i>	<i>Senior Lecturer</i>	<i>MBBS, FWACP</i>
8.	<i>Dr. I. Aina</i>	<i>Mental Health, UNIBEN</i>	<i>Lecturer 1</i>	<i>MBBS, FWACP, MPH</i>
9.	<i>Dr. E. Adanyofo</i>	<i>Mental Health, UNIBEN</i>	<i>Lecturer 1</i>	<i>MBBS, FWACP</i>
10.	<i>Dr. O.N. Koleoso</i>	<i>Mental Health, U.B.T.H</i>	<i>Assistant Chief Clinical Psychologist</i>	<i>PhD</i>

EXTERNAL/VISITING LECTURERS:

11.	<i>Dr. J. Kupfer</i>	<i>University of Colorado, Denver, USA</i>	<i>Assistant Professor</i>	<i>PhD, BCBA-D</i>
12.	<i>Dr. S.M. Peterson</i>	<i>Western Michigan University, Kalamazoo, USA</i>	<i>Professor</i>	<i>PhD, BCBA-D</i>
13.	<i>Dr. J. E. Frieder</i>	<i>Western Michigan University, Kalamazoo, USA</i>	<i>Assistant Professor</i>	<i>PhD, BCBA-D</i>
14.	<i>Dr. E. U. Asikhia</i>	<i>Devereaux College, Iowa, USA</i>	<i>Behavior Analyst</i>	<i>MBBS, MBA, MHMP, BCBA- D, DIP</i>
15.	<i>Mrs. B. Asikhia</i>	<i>International Centre for Behavior Analysis, Lagos</i>	<i>Behavior analyst</i>	<i>M.Sc., BCBA</i>