

NATIONAL UNIVERSITIES COMMISSION



SELF-STUDY FORM FOR ACCREDITATION OF POSTGRADUATE PROGRAMMES IN THE DEPARTMENT OF PLANT SCIENCE AND BIOTECHNOLOGY, FACULTY OF SCIENCE, UNIVERSITY OF PORT HARCOURT.

NUC/PG/SSF

MARCH, 2017

NATIONAL UNIVERSITIES COMMISSION

SELF-STUDY FORM

UNIVERSITY OF PORT HARCOURT, PORT HARCOURT, RIVERS STATE, NIGERIA

.....
Name of University submitting the Form

PGD/M.Sc/ Ph.D in PLANT SCIENCE AND BIOTECHNOLOGY (BOTANY)

.....
Title of the Programme/Department

Duration of Programme

M.Sc (12-24 Months)
Ph.D (24-36 Months).....

Full-time (Years)

M.Sc (24-48 Months)
Ph.D (36-48 Months).....

Part-time (Years)

Date Form is completed..... 16/03/2017

CONFIDENTIALITY OF INFORMATION

The information supplied in this form is solely for the confidential use of the National Universities Commission and its authorized agents

NOTES FOR COMPLETING THE SELF – STUDY FORM

The Form is to be completed in respect of the University and the Programme for which accreditation is being sought.

Please attach the following to the completed Form:

- (a) The curriculum and syllabus of the programme for which accreditation is sought;
- (b) Current time – table/schedule of classes offered in all the years of the programme. This should include the names of lecturers/instructors, number of periods and subjects taught by each;
- (c) Past question papers and marking schemes of the examinations taken in the past three years;
- (d) External examiners' reports for the programme in the last three years;
- (e) Evidence of funding for the programme obtained from the university and other sources.

Universities that have not graduated students from the programme to be accredited should attach past question papers of the annual (semester) examinations in lieu of paragraph (d) above.

Eight (8) copies of the completed Form and Eight (8) copies of each of the item listed from (a) - (e) above, in respect of each programme to be accredited, should be forwarded to:

The Executive Secretary,
National Universities Commission,
26 Aguiyi Ironsi Street,
Maitama,
Abuja
Nigeria.

A. THE UNIVERSITY

1. Name and address of the University: UNIVERSITY OF PORT HARCOURT

..... CHOBA, P.M.B. 5323, PORT HARCOURT, RIVERS STATE, NIGERIA, WEST AFRICA

a) **Website:** www.uniport.edu.ng

b) **Telephone:** .. 084-23890, 230894 & 230895

c) **E-mail:** ippr@uniport.edu.ng

2. Date Founded:
..... Founded 1975 as University College, Port Harcourt) Granted Full
..... University Status October 1, 1977

3. Name and address of the Proprietor of the University:

..... Federal Government of Nigeria

Telephone Nos: Office

E-Mail:.....

4. Names of Members of the Board of Trustees/Regents (where applicable)

.....

5. Name and Qualification of Vice Chancellor: Prof. Ndowa E.S. Lale

..... B.Sc. Agric (Unimaid), Ph.D Entomology (Newcastle upon Tyne, U.K), Professor of
..... Agricultural Entomology

a. **Telephone Nos: Office:**

b. **E-mail:**

6. Mission, Vision Philosophy and Objectives of the University

Clearly state the mission, vision, philosophy, aims and objectives of the institution.

Vision:

To be ranked among the best Graduate Schools in Africa, in the provision of quality staff, programmes and facilities and renowned for its teaching, research, innovation and knowledge transfer.

Mission:

To pursue academic excellence, advancement of knowledge and community service through capability development, promotion of scholarship and policy relevant researches that address the challenges of contemporary society.

Objective:

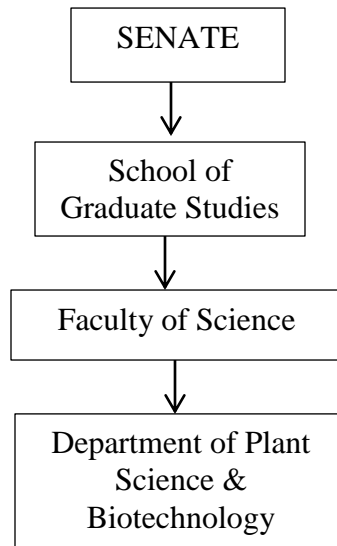
To implement Senate Policy and Guidelines for the initiation, consolidation and co-ordination of innovative research, provide quality administrative support for graduate programmes, equip research laboratories in the academic departments and ensure availability of data for national development.

7. Organization, Administration and Control

- a) Describe the ownership and system of control of the University including the administrative structure, and the membership and role of component committees and units in such a structure (e.g. The Council, Senate/Academic Board/Board of Studies).

The University Governing Council → Senate → School of Graduate Studies → Faculties → Departments

- b) Provide an organogram that adequately illustrates the administrative structure of the Senate and the Postgraduate School/College including the Faculty in which the programme to be accredited is domiciled.



B. ACADEMIC MATTERS

1. Names of the College/Faculty/School and Department in which the Postgraduate programme is domiciled and Postgraduate College/School.

School of Graduate Studies/Faculty of Science/Department of Plant Science and Biotechnology

2. **Brief history of the programme:**

Please provide information on the programme including its date of establishment, the administrative structure including committees, the total student enrolment and graduates, graduation and attrition rates, and uniqueness of the programme.

The Plant Science and Biotechnology programme started in 1977 as a Botany discipline in the School of Biological Sciences of the University of Port Harcourt, and remained such till 1983 when the school system was changed to the faculty system resulting in the establishment of the Faculty of Science. The Botany discipline then became a fully-fledged Department of Botany. In response to global trends and the reality of national needs, a name change was effected in 1998 with the department now bearing Plant Science and Biotechnology.

From its inception the department has offered teaching and research services leading to the award of Bachelor of Science degree in Botany. However, this changed in 1999 as a logical consequence of the change of name from Botany to Plant Science and Biotechnology. Bachelor of Science Degrees awarded by the department have been those Plant Science and Biotechnology since that date. Apart from this, the department has serviced other departments such as: Animal and Environmental Biology, Biochemistry, Geology, Pure and Industrial Chemistry, Microbiology, Faculty of Agriculture, College of Health Sciences, Faculty of Engineering and Faculty of Education by teaching Botany/Plant Science and Biotechnology courses at the undergraduate level.

With a modest number of 30 pioneer students the department has grown to the point of enrolling over 100 students per annum since 2006/2007 session. This has led to a prescribed quota of 110 new students per annum.

Post graduate programmes at the MSc level were introduced in 1979 in the broad areas of Plant Ecology, Plant Physiology, Mycology and Plant Pathology and Plant Taxonomy and Biosystematics and since 1980 MSc Degrees have been awarded to deserving students by the department. As at today, the graduate programme has expanded and higher degrees are awarded at the Post graduate diploma, Master of Science and Doctor of

Philosophy levels. Indeed some of the products of our programme have become leading Professors and Vice- Chancellors in other universities attesting to the strong and sound foundational training we impart to our products.

3. Philosophy, aims and objectives of the programme

The philosophy, aims and objectives of the programme as related and distinct from the general institutional philosophy, aims and objectives.

The programme is designed to instil in graduates, sound and critical understanding of the concepts and methodologies in Plant Science and Plant Biotechnology that meet current and anticipated needs of the society in these subject areas. Training will be geared towards subject specific knowledge complemented with the acquisition of skills and field experiences that adequately prepare the graduate for self-employment, work in relevant government organizations and in the private sector as well. Training covered by the programme includes but not restricted to the basics of ICT communication and people skills, emphasise on problem solving modules leading to acquisition of entrepreneurial skills relevant to the 21st century graduate, industry and society. At the end, the graduate is fully equipped for graduate work as well as competent to apply basic scientific logic in the management of human and other natural resources in a sustainable manner.

The overarching objectives of the programming is to

- To advance knowledge in plant science and biotechnology that is directly and indirectly relevant to enhanced skills and expertise needed for self-reliance and gainful employment in public and private business concerns.**
- To provide the best academic environment needful for diligent scholarship aimed at service for humanity.**
- To expose students to the importance and tenets of research and development deriving from the concepts and techniques of plant science and biotechnology for the sustainable development of our society.**
- To engender a broad-based training module for students in plant science with regard to the NUC Bench Mark Academic Standards (BMAS) to ensure the global competitiveness our products.**

4. Process of Curriculum Design

- a) Explain the process of development of the curriculum for the Postgraduate programme of the University.

The process route for the development of curriculum design is shown below:

- 1. The development of Course curriculum by the Departmental Graduate Board.**
 - 2. Consideration and approval of the developed courses curriculum by the Faculty Graduate Board.**
 - 3. Senate Committee on Academic Policies and Programmes, and to**
 - 4. Senate for final approval**
- b) Confirm the extent to which the Postgraduate programme curriculum in use has approximated the Benchmark Minimum Academic Standards (BMAS) for the Postgraduate programme. Please state the main differences.
Generally, the course curriculum for the programmes (PGD/M.Sc/Ph.D) offered in the various units/areas in the Department adequately comply and the captures the courses in contents/credit units as described in the Benchmark Minimum Academic Standards (BMAS) for the postgraduate programmes.
- 5. Student Admission, Retention and Graduation Policy.**
- a) Describe the admission, retention and graduation policy for the programme.

Admission

1. Postgraduate Diploma ‘PGD’ in Plant Science and Biotechnology, All candidates must have five credit passes including English, Mathematics and two other relevant science subjects at ‘O’ Level.
 2. Candidates with Bachelors degree from an approved university who have obtained a minimum of pass degree in the relevant science discipline.
 3. Holders of HND in relevant programmes from approved institutions with a minimum of Upper Credit may be considered for admission. Relevant disciplines include but not restricted to Botany / Plant Science, Microbiology, Agriculture, Crop Science, Biochemistry, Genetics, Biotechnology or related fields depending on the preferred PGD option.
2. All Masters Programmes in the department shall be Academic Master’s and non professional Master’s programmes. To qualify for admission into the programme, eligible candidates must have obtained:
- a. Five credit passes with English and Mathematics in addition to any two relevant subjects at ‘O’ Level.
 - b. A Bachelor’s degree from an approved university with a minimum of Second Class Lower Division with CGPA of at least 3.50/5.00 for an academic programme.
 - c. Candidates with at least third class degree or HND and university PGD with CGPA of 3.0/5.0 may be considered for admission into the MSc programme.

3. Prospective candidates for admission into the PhD programmes are expected to meet the following entry requirements:
 - i) MSc degree of the University of Port Harcourt or any approved University. The candidate must have a minimum CGPA of 3.5 in a 5.00-point scale or 2.80 in a 4.00-point scale.
 - ii) Students deficient in any area in the MSc programme will be required to remedy the deficiency.
 - iii) Shortlisted applicants are expected to submit a proposal on their intended research interest to the Departmental Graduate Studies Committee. The candidate will be interviewed by the committee and only candidates that pass the interview with scores of 50 % (C) and above will be admitted into the programmes.

In summary, the admission criteria are stated below:

PGD Programmes

- Candidates with B.Sc - Third Class
- Candidates with HND - Upper Credit

Master's Programme

- Candidates from PGD Programmes - 3.50
- Candidates with BA, B.Ed, B.Sc (5pt scale) - 3.00
- Candidates with B.Sc etc (4pt scale) - 2.40
- Candidates with B.Ed from College of Education with 7pt scale - 4.20

Ph.D Programmes

- Candidates with Master's Degree on 5pt scale - 4.00
- Candidates with Master's Degree on 4pt scale - 3.20
- Candidates are also interviewed by the Departmental Graduate Board and a minimum score of 60% is required for admission.

Retention and Graduation Policy

- (a) **A graduate is expected to pass all taught courses with a minimum grade of "C"**
- (b) **A student who fails a course shall re-register for it at the next available opportunity. A graduate student will not register for a course more than twice. Failure of a course twice amounts to automatic fail out/withdrawal from the programme.**
- (c) **At the end of the First Year Course work, the student should have a cumulative grade point average of not less than 2.75. A student who does not meet the minimum CGPA at the end of the First year shall be asked to withdraw.**
- (d) **No student shall proceed to the thesis without a cumulative grade point average of 3.00 or above. A student who has exhausted both opportunities for all required course without attaining a CGPA of 3.00 shall be asked to withdraw.**

(e) **An important and integral part of the Postgraduate programme is the research seminar and attendance is obligatory.**

b) Describe the grading system and the policy on students' probation, withdrawal and expulsion.

The course work grading system is outlined below:

70 and above	A	5.00
60-69	B	4.00
50-59	C	3.00
0-49	F	0

Grading System – minimum pass mark is 50% and above, this is in line with BMAS for Postgraduate Programmes.

Probation, withdrawal, expulsion and continuity policies are governed by the policies of the Graduate School as noted in 5a above and also include the following:

- i. Non-payment of fees/non-registration
- ii. Absent from examination
- iii. Inability to complete the requirements for the programme within the approved maximum period, etc.

6. Enrolment and Graduation Data

a) Using the Table below, please provide the enrolment statistics for the last five sessions.

YEAR	ENROLMENT					TOTAL NO. AT GRADUATION	
	FULL-TIME		PART-TIME		NATIONALIITIES		
	Male	Female	Male	Female	Nigerian	Non-Nigerian	
2015/2016							
Ph.D	3	1	-	-	Nigerians		4
M.Sc	9	10	-	-			19
PGD	3	3	-	-			6
2014/2015							
Ph.D	2	3	-	-	Nigerians		5
M.Sc	3	7	-	-			10
PGD	4	4	-	-			8
2013/2014							
Ph.D	4	2	-	-	Nigerians		6
M.Sc	7	11	-	-			18
PGD	7	10	-	-			17
2012/2013							
Ph.D	2	1	-	-	Nigerians		3
M.Sc	5	3	-	-			8
PGD	6	5	-	-			11

- b) Using the Table below, please provide the graduation statistics for the last five sessions.

YEAR	GRADUATE						TOTAL NO. AT GRADUATION
	FULL-TIME		PART-TIME		NATIONALITIES		
	Male	Female	Male	Female	Nigerian	Non-Nigerian	
2015/2016							
Ph.D	2	1					
M.Sc	3	5	1	1	Nigerian		16
PGD	1	2					
2014/2015							
Ph.D	Nil	Nil	Nil	Nil	Nigerian		8
M.Sc	1	2					
PGD	4	1					
2013/2014							
Ph.D	Nil						3
M.Sc	3	Nil	Nil	Nil	Nigerian		
PGD	Nil						
2012/2013							
Ph.D	Nil	Nil	Nil	Nil	Nigerian		16
M.Sc	5	4					
PGD	4	3					

7. Students' Workload

Please complete the table below in order to show the work load of students in the programme. Arrange per semester, if possible.

Grouping	Course Codes	Course Titles	Pre-requisite	Credit Units	Contact Hours Per Week			Total Hours per Week
					Lecture	Tutorial	Practical	
a) GENERAL	For example MBA 50X	Computer Literacy	Nil	2	2	1	1	4
b) Core/Compulsory Courses								
c) Elective/Optional Courses								
d) Thesis/dissertation Research/Project								

POSTGRADUATE DIPLOMA PROGRAMME (PGD)									
Grouping	Course No/Level	Course/Subject	Pre-requisite	Credit Units	Contact Hours/Week			Total week Load	
					Lecture	Tutorial	Practical		
Core Courses	PSB 700.1	Plant Morphology and Anatomy	None	3	3Hours/week	1 Hour	3Hours/week	7Hours/week	
	PSB 701.1	Plant Taxonomy	None	3	3Hours/week	1 Hour	-	4Hours/week	
	PSB 702.1	Plant Pathology	None	3	3Hours/week	1 Hour	3Hours/week	7Hours/week	
	PSB 703.1	Plant Physiology	None	3	3Hours/week	1 Hour	-	4Hours/week	
	PSB 704.1	Plant Ecology	None	3	3Hours/week	1 Hour	3Hours/week	3Hours/week	
	PSB 705.1	Plant Genetics	None	3	3Hours/week	1 Hour	3Hours/week	3Hours/week	
	PSB 706.1	Plant Biotechnology	None	3	2Hours/week	1 Hour	2Hours/week	3Hours/week	
	PGD PLANT PHYSIOLOGY								
	PSB 707.2	Plant Biochemistry		3	3Hours/week	1 Hour	3Hours/week	7Hours/week	
	PSB 710.2	Biometrics		3	3Hours/week	1 Hour	-	4Hours/week	
	PSB 715.2	Environmental Plant Physiology		3	3Hours/week	1 Hour	3Hours/week	7Hours/week	
	PSB 708.2	Tissue Culture		3	3Hours/week	1 Hour	-	4Hours/week	
	PSB 722.2	Soil Science and Horticulture		3	3Hours/week	1 Hour	3Hours/week	3Hours/week	
	PSB 711.2	Seminar		3	3Hours/week	1 Hour	3Hours/week	3Hours/week	
PSB 799.2	Research project		4	2Hours/week	1 Hour	2Hours/week	3Hours/week		
PGD MYCOLOGY/PLANT PATHOLOGY									
	PSB 710.2	Biometrics		3	3Hours/week	1 Hour	3Hours/week	7Hours/week	
	PSB 716.2	Mycology		3	3Hours/week	1 Hour	-	4Hours/week	
	PSB 717.2	Bacteriology		3	3Hours/week	1 Hour	3Hours/week	7Hours/week	
	PSB 718.2	Plant virology		3	3Hours/week	1 Hour	-	4Hours/week	
	PSB 720.2	Nematology		3	3Hours/week	1 Hour	3Hours/week	3Hours/week	
	PSB 711.2	Seminar		3	3Hours/week	1 Hour	3Hours/week	7Hours/week	
	PSB 799.2	Research project		4	3Hours/week	1 Hour	-	4Hours/week	

PGD/PLANT BIOSYSTEMATICS AND TAXONOMY								
	PSB 707.2	Plant Biochemistry		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 710.2	Biometrics		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 713.2	Biodiversity conservation and Development of Natural Resources		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 714.2	Data management		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 719.2	Economic plants and weed science		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 711.2	Seminar		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 799.2	Research project		4	2Hours/week	1 Hour	2Hours/week	3Hours/week
PGD PLANT ECOLOGY								
	PSB 709.2	Production Ecology		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 710.2	Biometrics		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 712.2	Bioremediation/Impact Assessment		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 713.2	Biodiversity, conservation and Development of Natural Resources		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 722.2	Soil Science and Horticulture		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 711.2	Seminar		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 799.2	Research project		4	2Hours/week	1 Hour	2Hours/week	3Hours/week
M.Sc PROGRAMME								
Grouping	Course No/Level	Course/Subject	Pre-requisite	Credit Units	Contact Hours/Week			Total week Load
					Lecture	Tutorial	Practical	
M.Sc Plant Physiology								
	SCI 801.1	ICT and Research Methodology		2	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 804.1	Advanced and Current Techniques in Plant Breeding		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 806.1	Science, Environment and Innovation		3	3Hours/week	1 Hour	3Hours/week	7Hours/week

	PSB 811.1	Evolution and Diversity of Major Plant Groups		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 814.1	The Germination of Seeds		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 815.1	The Hormonal Control of Plant Growth and Development		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 839.1	Advanced Plant Physiological Metabolism		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 840.2	Plant Biochemistry and Nutrient Metabolism		3	3Hours/week	1 Hour	-	4Hours/week
	SCI 802.2	Management and Entrepreneurship		2	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 800.2	Seminar		3	2Hours/week	1 Hour	2Hours/week	3Hours/week
	PSB 804.2	Physiology of Special Organisms		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 805.2	Field Studies of Nigerian Flora		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 816.2	Special Techniques in Plant Physiology and Histochemistry		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 899.2	M.Sc Dissertation		6	3Hours/week	1 Hour	3Hours/week	3Hours/week
	MSc MYCOLOGY AND PLANT PATHOLOGY							
	SCI 801.1	ICT and Research Methodology		2	3Hours/week	1 Hour	-	4Hours/week
	PSB 804.1	Advanced and Current Techniques in Plant Breeding		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 806.1	Science, Environment and Innovation		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 811.1	Evolution and Diversity of Major Plant Groups		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 837.1	Epidemiology of Bacterial and Fungal Diseases		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 836.1	Physiology of Parasitism		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 849.1	Advanced Mycology/ Mushroom Science		3	3Hours/week	1 Hour	-	4Hours/week
	SCI 802.2	Management and Entrepreneurship		2	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 800.2	Seminar		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 805.2	Field Studies of Nigerian Flora		3	3Hours/week	1 Hour	-	4Hours/week

	PSB832.2	Nematology		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB823.2	Virus and Mycoplasma Diseases		3	2Hours/week	1 Hour	2Hours/week	3Hours/week
	PSB 835.2	Control of Plant Diseases		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 899.2	M.Sc Dissertation		6	3Hours/week	1 Hour	-	4Hours/week
	MSc PLANT TAXONOMY AND BIOSYSTEMATICS							
	SCI 802.1	ICT and Research Methodology		2	3Hours/week	1 Hour	-	4Hours/week
	PSB 804.1	Advanced and Current Techniques in Plant Breeding		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 806.1	Science, Environment and Innovation		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 811.1	Evolution and Diversity of Major Plant Groups		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 826.1	Experimental Methods in Taxonomy		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 829.1	Principles and Procedures of Plant Taxonomy		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 831.1	Cytogenetics, Evolution and Phylogeny		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	SCI 802.2	Management and Entrepreneurship		2	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 800.2	Seminar		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 805.2	Field Studies of Nigerian Flora		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 828.2	Experimental Design in Biosystematics		3	3Hours/week	1 Hour	-	4Hours/week
	PSB824.2	Taxonomic Data Processing and Presentation		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 800.2	Seminar		3	3Hours/week	1 Hour	-	4Hours/week
	PSB830.2	Advanced Plant Systematics		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 899.2	M.Sc Dissertation		6	3Hours/week	1 Hour	3Hours/week	7Hours/week
	MSc PLANT ECOLOGY							
	SCI 801.1	ICT and Research Methodology		2	3Hours/week	1 Hour	-	4Hours/week
	PSB 804.1	Advanced and Current Techniques in Plant Breeding		3	3Hours/week	1 Hour	3Hours/week	7Hours/week

	PSB 806.1	Science, Environment and Innovation		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 811.1	Evolution and Diversity of Major Plant Groups		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 817.1	Special Techniques and experimental Design in plant Ecology		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 839.1	Advanced Plant Physiological Metabolism		3	2Hours/week	1 Hour	2Hours/week	3Hours/week
	PSB 865.1	Ecology of Arid and Wetland Ecosystems		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	SCI 802.2	Management and Entrepreneurship		2	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 800.2	Seminar		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 805.2	Field Studies of Nigerian Flora		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 821.2	Production Ecology		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 833.2	Ecosystem Pollution Ecology		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 834.2	Vegetation Resources Management & Conservation		3	3Hours/week	1 Hour	3Hours/week	3Hours/week
	PSB 899.2	M.Sc Dissertation		6	2Hours/week	1 Hour	2Hours/week	3Hours/week
Ph.D PROGRAMME								
Grouping	Course No/Level	Course/Subject	Pre-requisite	Credit Units	Contact Hours/Week			Total week Load
	PhD in Plant Physiology				Lecture	Tutorial	Practical	
	PSB 900.1	Applied Plant Physiology		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 901.1	Seminar I: Physiological Toxicology		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 902.2	Seminar II: Plant Physiological Processes		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 912.0	PhD Thesis		12	3Hours/week	1 Hour	-	4Hours/week
	PhD in Plant Pathology / Mycology							
	PSB 903.1	Advances in Crop Protection, Disease control, Field and storage disease of crops		3	3Hours/week	1 Hour	3Hours/week	7Hours/week

	PSB 904.1	Seminar I: Applied Plant pathology and Mycology (e.g. Mycotoxins)		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 905.2	Seminar II: Molecular Tools for the study of Systematics, evolution and ecology of Plant pathogens		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 912.0	Ph.D Thesis		12				
	PhD in Plant Taxonomy / Biosystematics							
	PSB 906.1	Principles and Procedures of plant Molecular Systematics		3				
	PSB 907.1	Seminar I: Advances in Taxonomic Data Processing and Presentation		3				
	PSB 908.2	Seminar II: Principles and Applications of Bioinformatics		3				
	PSB 912.0	Ph.D Thesis		12				
	PhD in Plant Ecology							
	PSB 909.1	Ecology of food production		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 910.1	Seminar I: Ecology of Timber Production		3	3Hours/week	1 Hour	-	4Hours/week
	PSB 911.2	Seminar II: Molecular techniques used in Ecological studies		3	3Hours/week	1 Hour	3Hours/week	7Hours/week
	PSB 912.0	Ph.D Thesis		12	3Hours/week	1 Hour	-	4Hours/week

8. Examination

- i) State the methods of course evaluation, including the external examination system
Assessment is by the following methods
- Term papers/Test/Practicals/Seminars/Tutorial Exercises/Final Examination
- ii) How long after examinations are results released?
3 weeks after examination
- iii) Appraise the standard of examination based on the:
 - (a) Coverage of the syllabus content; - **Adequate**
 - (b) Quality of students' answers to the various question; - **Adequate**
 - (c) Quality of practical work, continuous assessment and degree projects; - **Adequate**
 - (d) Students' readiness for the level of manpower he/she is being trained for; - **Appropriately equipped with academic and industrial exposure**
 - (e) External examination or moderation scheme; **Adequate**
- iv) State how matters arising from examinations are handled.
Matters/issues arising from examination are first considered at the Departmental Graduate Committee level and resolved depending on the severity of the issue. However the issue may be further referred to Faculty Graduate Committee and if necessary to School of Graduate Studies Committee and finally to the Senate for final decision.

9. Research/Project

- a) State the Research/Project policy, methodology and thrust of the programme
Research Areas and Projects cover Mycology/Pathology; Plant Physiology; Plant Ecology; Plant Taxonomy/Biosystematics and Plant Biotechnology
- b) List titles of postgraduate projects/theses/dissertations in the programme in the last three years.

PGD Research Project M.Sc Dissertation

S/N	NAME OF STUDENT	RESEARCH PROJECT	YEAR
1	Akpan, Utibe Emmanuel	Impact of Different Concentrations of Detergent on the Growth of Maize (<i>Zea mays</i> L.)	2017
2	Henshaw, Ememobong Carbom	Bioaccumulation of Heavy Metals in <i>Mangifera indica</i> L. (Mango) and <i>Azadirachta indica</i> A. Juss (NEEM) within the University of Port	2016

		Harcourt Main campus	
3	Ezeuko, Chigozie J.C.	The Germination of <i>Cucurbitaceae</i> Plants	2016
4	Nwosu, Sunday Iroham	Comparative Studies of Two Species of <i>Vernonia</i> Schreb. (<i>Asteraceae</i>) in Rivers State of Nigeria	2014
56	Amadi, Faith Ngozi	Assessment of Heavy Metals in <i>Commelina communis</i> Growing Around Generator Houses in the University of Port Harcourt	2012
7	Mansi, Wesley Collins	Review of the Bioactive Compounds in <i>Vernonia amygdalina</i> and <i>Artemisia annua</i>	2012
8	Adiele, Ugochi	The Morpho-Anatomy and Economic Potentials of <i>Adenia cissampeloides</i> (Planch ex hook.) Hams	2012

M.Sc Dissertation

S/N	NAME OF STUDENT	DISSERTATION TITLE	YEAR
1	Ibeagi, Nkechi Kelly	Studies on the Germination and Dormancy of <i>Sesbania sesban</i> L., <i>Sesbania rostrata</i> L., <i>Clitoria ternatea</i> L. and <i>Centrosema pubescens</i> L.	2016
2	Uzosike, Christiana Anita	Variations in Paper Pulp Quality in Selected Pandanus species (Screw Pine) at different habitats in parts of Rivers State, Nigeria	2016
3	Olaniyi, Tofunmi Deborah	Control Root-Knot Nematode (<i>meloidogyne javanica</i>) Disease on <i>Talinum triangulare</i> (Waterleaf) using Botanicals and a Synthetic Nematicide	2016
4	Jude, Keayiabarido	Interactive Effects of Chemical and Organic Remediations of Crude Oil Pollution on Soil Properties and Growth of Maize (<i>Zea</i>	2016

		<i>mays</i> L.) and Okra (<i>Abelmoschus esculentus</i> L.)	
5	Otazi, Jonah	Taxonomic Characters of <i>Alchornea cordifolia</i> and <i>Alchornea laxiflora</i>	2016
6	Benson, Diseph Mubula	Remediation of Crude Oil Polluted Soil Using Cow Dungs and Hydrogen Peroxide Monitored through the Germination and Growth of Okra (<i>Abelmoschus esculentus</i> L.) and Melon (<i>Citrullus colocynthis</i> L.)	2016
7	Chuku, Obinna Solomon	Growth of Maize (<i>Zea mays</i> L.) and Pigeon Pea (<i>Cajanus cajan</i> L.) on Soil Polluted with Dual Purpose Kerosene (DPK) and Spent Oil Following Amendment with Poultry Droppings and Urea	2016
8	Amadi, Goodhope Onyemauche	Studies on the Effect of Cow Dung on the Phytoremediability of Polluted Soils of <i>Imperata cylindrical</i> L. and <i>Caesalpinia pulcherrima</i> L.	2016
9	Egwu, Franca	Efficacy of Pimextra Gold in Controlling Weeds Associated with Okra (<i>Abelmoschus esculentus</i> L.), Maize (<i>Zea mays</i> L.) Melon (<i>Citrullus colocynthis</i> L.) Groundnut (<i>Arachis hypogaea</i> iL) and Cowpea (<i>Vigna unguiculata</i>)	2016
10	Abbey-Kalio, Iyaye David	Screening of <i>Ageratum oonyzoides</i> L., <i>Synedrella nodiflora</i> (L.) Gaertn and <i>Cleome rutidosperma</i> DC. For their Phytoremediation Potential in Crude Oil and Heavy-Metal Contaminated Soil	2015

11	Ikuli, Josiah Muonam	Iron (Fe) Biofortification of Rice (<i>Oryza sativa</i>) Under Saline Condition	2015
12	Yabrade Moses	Assessment of the Impact of Artisanal Refining on Salt Water Wetland Vegetation at Ikpokpo and Tebujor/Okpele-Ama Communities, Warri South-West L.G.A., Delta State.	2015
13	Fubara, Gift Evans	A Study on the Soil-Borne Fungi Associated with Cowpea (<i>Vigna unguiculata</i> L. Walp) roots and the Use of Soil Amendment in the Control of Fungal Diseases	2015
14	Odoya, Nkendirim Ebubeoniso	Studies on <i>Irvingia</i> (Engl) Engl. Species in Parts of Central Niger Delta, Nigeria	2015
15	Eshalomi-Mario, Timi Ndidi	Assessment of Species Diversity, heavy metals and soil Nutrient Content at Two Abandoned Solid Waste Dumpsite in Port Harcourt	2014

Ph.D Thesis

S/N	NAME OF STUDENT	Thesis TITLE	YEAR
1	Nwaukwu, Ijeoma Adaku	Studies on Fungal Diseases of Physic Nut (<i>Fatouha curcas</i> Linn); A Biofuel Plant	2017
2	Okere, Samuel Echezonachi	Studies on the Microbial Metabolites in Spent Mushroom Substrate and Management of African Cassava Mosaic Disease	2017
3	Ugiomoh, Ifeoma Gladys	Ecotaxonomy of <i>Machaerium lunatum</i> (Linn f.) Ducke in Selected Areas of the Niger Delta, Nigeria	2016
4	Albert, Ejikeme	Comparative Bioremediation Treatments for Soils Polluted with Crude Oil	2016
5	Ikuponisi, Francis Segun	Plant Diversity Changes and Ethnobotanical Studies of Lowland Rain Forest, Buan Community, Khana Local Government Area, Rivers State, Nigeria	2015

6	Eremrena, Ovie Peter	Mitigation of the Effect of Crude Oil Polluted Soil on the Growth and Development of Cassava- <i>Manihot esculenta</i> Crantz with Organic and Inorganic Amendments	2014
7	Ajuru, Mercy Gospel	Taxonomic Characterisation of Melons (<i>Cucurbitaceae</i> in Nigeria)	2014

- c) Complete the table below to display the cluster of students projects, their relevance to national development or special areas of national interest, and confirm adoption of findings/recommendations, if any.

Information not available now

Cluster of Research Titles	Relevance to National Development/Thrust	Utilization of Research Findings

- d) i. List the publications resulting from this programme in the last three years.
ii. List the publications from Postgraduate Thesis/Dissertation
Most of the publications are found in the Curriculum Vitae of the project supervisors.

C. STAFFING

1. Academic Staff

Personal Data of Staff Teaching Courses of all Postgraduate Programmes. (Please attach the curriculum vitae and copy of letter of appointment of each staff)

Name of Staff	Rank/Designation, salary scale, date of first appointment/Promotion, and nationality	Full Time or Part - Time	Qualifications, dates obtained and specialization, membership of Professional association and Publications	Post qualification work/teaching experience and dates, post held and the organization	Courses presently being taught	Teaching load/ lecture hours/ week	Other responsibilities/ interest in curricular/ extra curricular activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Prof i) ii)							
Readers i) ii)							
Senior Lecturers Lecturer 1							

ACADEMIC STAFF

Name of staff	Rank	FT	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.
D.I. Anyanwu	Professor 1/9/76		PhD (Plant Ecology) University of Reading, Birks England 1981; BSc Honours 2 nd Upper Division 1975, University of Ife (NowObafemiAwolowo University, Ile-Ife. Membership Science Asso. Of Nigeria. (SAN) Botanical Society of Nigeria (BOSON).	Graduate Assistant, 1976; Lecturer 11, 1981; Lecturer 1 1983; Senior Lecturer 1989; Professor, 2003.	PSB 704.1: Plant Ecology/ PSB 711.2 Seminar/PSB 799.2- Research project/ PSB 710.2: Biometrics/PSB 709.2 Production Ecology/PSB 711.2: Soil science and Horticulture/PSB 817.1: Special Techniques and Experimental Design in Plant Ecology/PSB 821.2: Production Ecology/PSB 909.1 Ecology of Food Production/PSB 912.0 Ph.DThesis	12 Hours	Member, Admission Committee (1993-1986); Member Course Programme Committee 1985-1989; Chairman, Support Staff Committee of Uniport 1985 -1986; Hall Warden, Kwame Nkrumah Hall 1986-1987; Faculty of Science Representative, Board of Graduate Studies 1991-1994; Head of Dept. Plant Science and Biotechnology 1995-1997; Chairman Graduate Board Committee 1995-1997; Member Senate of University of Port Harcourt 1995- 1997; Member Representing Congregation on Implementation Task Force on Capital Development 1995- 1999.
B.C. Ndukwu	Professor	FT	PhD Biosystematics and Taxonomy Univ. Of Port Harcourt 1992; M.Sc Biosystematics and Taxonomy UPH 1989; B.Sc Botany 1 st Class Honours UPH 1986 Membership	Assistant Lecturer 1991; Lecturer 11 1992; Lecturer 1 1995; Senior Lecturer 1998; Associate Professor 2005; Professor 2008	PSB 700.1: Plant Morphology & Anatomy/PSB 713.2: Biodiversity, Conservation and Development of Natural	21 hours	

			<p>Member, Genetic Society of Nigeria (GSN); Member, Botanical Society of Nigeria (BOSON); Member Nigerian Society for Biological Conservation (NSBC); Member, Nigerian Conservation Foundation (NCF) Member, African Ethnobotanical Network (AEN) Member Association for the Taxonomic Study of the Flora of Tropical Africa (AETFAT); Member, Biodiversity Education and Public Awareness (BEPA). Publications 3 Books 7 Book Chapters 32 Articles and 8 Conferences</p>		<p>Resources/PSB 711.2 Seminar/PSB 799.2: Research Project/PSB Science Environment and Innovation/PSB 811.1: Evolution and Diversity of Major Plant Groups/PSB 805.2: Field Studies of Nigerian Flora/PSB 830.2: Advanced Plant Systematics/PSB 800.2: Seminar/PSB 899.2: M.Sc Dissertation/PSB 906.1: Principles and Procedures of Plant Molecular Systematics/PSB 907.1: Seminar I: Advances in Taxonomic Data Processing and Presentation/PSB 908.2: Seminar II: Principles and Applications of Bioinformatics/PSB 912.0: Ph.D Thesis</p>		
Ataga, A.E.	Professor 6/7/1981	FT	<p>B.Sc Botany 2nd Class Upper Division 1980; M.Sc Applied Microbiology and Plant Pathology, 1984; PhD Plant Pathology 1988. Membership Member, Science Association of Nigeria 1981–Date;</p>	<p>Graduate Assistant 1981; Lecturer 11 1985; Lecturer 1 1987; Senior Lecturer 1989; Professor 2009</p>	<p>PSB 716.2: Mycology/PSB 718.2: Plant Virology/PSB 720.2: Nematology/PSB 711.2: Seminar/PSB 799.2: Research</p>	21 Hours	<p>Ag. Head of Dept. 1999-2001; Member, Departmental Board of Studies 1988–Date; Member, Faculty Board of studies 1988–Date; Member, University Time table 1990-92; Chairman,</p>

			Member, British Mycological Society 1985-Date; Member Association of Applied Biologists UK 1985-Date; Member, Botanical Society of Nigeria (BOSON) 1988-Date; Member, Nigerian Society for Plant Protection 1988-Date; Member, Nigerian Mycological Society 2006-Date.		Project/PSB 837.1: Epidemiology of Bacterial and Fungal Diseases/PSB 849.1: Advanced Mycology/Mushroom Science/PSB 835.2: Control of Plant Diseases/PSB 823.2: Virus and Mycoplasma Diseases/PSB 800.2 Seminar/PSB 899.2: M.Sc Dissertation/PSB 903.1: Advances in Crop Protection, Disease Control, Field and Storage Disease of Crops/PSB 904.1: Seminar I: Applied Plant Pathology and Mycology (e.g Mycotoxins)/PSB PSB 905.2: Seminar II: Molecular Tools for the study of Systematics, Evolution and Ecology of Plant Pathogens/PSB 912.0: Ph.D Thesis		Faculty of Science Examination Committee 1990-96; Hall Warden Kwame Nkruma Hall 996-2000; Member, University Board of Trustees (Pension and Gratuity) 1998-2003; Member, University Senate 1999-2001; Member, University Demonstration Primary School Board of Governors 1999-2002; Member, Board of CORDEC 199-2001.
L.A. Akonye	Professor		BSc Botany 1981, MSc Plant Physiology 1985, PhD 1993; Member, Botanical Society of Nigeria (BOSON), Member International Society for Root Crops (ISTRC), Member, International Association of	Graduate Assistant 1982, Assistant Lecturer 1984, Lecturer 11 1986, Lecturer 1 1995 Senior Lecturer 1998, Professor 2009	PSB 703.1: Plant Physiology/PSB 707.2: Plant Biochemistry/PSB 715.2: Environmental Plant Physiology/PSB	21Hours	Associate Dean, Fac. Of Sci. 2004-2007, Head of Department 2005- 2007, Fac. Rep at Senate 2004 -2005, Hall Warden King Jaja, Departmental Time Table

			Plant Physiologists, Member, National Association of Women in Academics (NAWACS) Publications 18 Articles 4 Books and 4 Book Chapter Contributions		708.2: Tissue Culture/PSB 711.2: Seminar/PSB 799.2: Research Project/PSB 814.1 Germination Techniques/PSB 815.1: Hormonal Control of Plant Growth and Development/PSB 839.1: Advanced Plant Physiological Metabolism/PSB 804.2: Physiology of Special Organisms/PSB 816.2: Special Techniques in Plant Physiology and Histochemistry/PSB 800.2: Seminar/PSB 899.2: M.Sc Dissertation/PSB 900.1: Applied Plant Physiology/PSB 901.1: Seminar I: Physiology Toxicology/PSB 902.2: Seminar II: Plant Physiological Processes/PSB 912.0: Ph.D Thesis		Officer, 1997-1999, Co-ordinator, Deptl. Post Graduate Seminar, 2002-2005, Member Board of Governors UDPS 2006.
Nwachukwu, Eunice Oluchi	Professor		BSc Botany 1985, PGDE 1989, MSc Plant Pathology 1990, PhD Plant Pathology 1994, PGD Environmental Management Tech 2000 Member Science Association of Nigeria, Member, Committee	Lecturer 11 1995, Lecturer 1 1998, Senior Lecturer 2001, Professor 2008	PSB 716.2: Mycology/PSB 718.2: Plant Virology/PSB 720.2: Nematology/PSB 711.2: Seminar/PSB	21 Hours	Member, Fac. Of Sci. Exam Malpractice Comm., 1999-2002, Co-ordinator Deptl. Community Service 1996-1999, SeminarCo-ordinator 1999-2001, Fac.

			of Science USA, Member, British Society of Plant Pathology, Member, Nigerian Soc. For Plant protection, Member, Third World Organisation for Women in Science, Member, Botanical Society of Nigeria (BOSON), Member, International Asso. For Impact Assessment (IAIA), 4 Books, 5 Book Chapter contributions, 22 Journal Articles.		799.2: Research Project/PSB 837.1: Epidemiology of Bacterial and Fungal Diseases/PSB 849.1: Advanced Mycology/Mushroom Science/PSB 835.2: Control of Plant Diseases/PSB 823.2: Virus and Mycoplasma Diseases/PSB 800.2 Seminar/PSB 899.2: M.Sc Dissertation/PSB 903.1: Advances in Crop Protection, Disease Control, Field and Storage Disease of Crops/PSB 904.1: Seminar I: Applied Plant Pathology and Mycology (e.g Mycotoxins)/PSB PSB 905.2: Seminar II: Molecular Tools for the study of Systematics, Evolution and Ecology of Plant Pathogens/PSB 912.0: Ph.D Thesis		Rep Board of UDPS 2001-2002, Member, Deptl DTLC, Fac. Rep Institute of Research and Agricultural Development 2003 – 2005.
J.O. Osuji	Professor		BSc Botany, MSc Plant Taxonomy/ Biosystematics 1991, PhD Taxonomy/Biosystematics 1995. Member, National Executive Council, Genetics	Lecturer 11 1998, Lecturer 1 2001, Senior Lecturer 2004, Professor 2010.	PSB 705.1: Plant Genetics/PSB 706.1: Plant Biotechnology/ PSB 711.2: Seminar/ PSB 799.2:	21 Hours	Member Fac. Of Sci. Computerization Committee, Member, Fac. Timetable Comm., Dept SIWES Co-ordinator.

			<p>Society of Nigeria, Member, National Executive Council, Nigeria Society for Plant Protection (NSPP), Member, International Society for Horticultural Science (ISHS), Member Botanical Society of Nigeria (BOSON), Member, Nigerian Biotechnology Network.</p> <p>24 Articles, 2 Books, 9 Book Chapter contributions.</p>		<p>Research Project/ PSB 804.1: Advanced and Current Techniques in Plant Breeding/ PSB 831.1: Cytogenetics, Evolution and Phylogeny/ PSB 829.1: Principles and Procedures of Plant Taxonomy/ PSB 830.2: Advanced Plant Systematics/ PSB 899.2: M.Sc Dissertation/ PSB 906.1: Principles and Procedures of Plant Molecular Systematics/ PSB 907.1: Seminar I: Advances in Taxonomic Data Processing and Presentation/ PSB 908.2: Seminar II: Principles and Applications of Bioinformatics/ PSB 912.0: Ph.D Thesis</p>		
G.C.Obute	Professor		<p>PhD Biology, University of Lagos 1995; B.Sc (Hons) 2nd Class Upper Division, Abia State University (Formerly Imo State University, Okigwe)</p> <p>Membership: Member, Science Association of</p>	<p>Lecturer 11 1998, Lecturer 1 2001, Senior Lecturer 2004, Professor 2010</p>	<p>PSB 705.1: Plant Genetics/PSB 706.1: Plant Biotechnology/ PSB 711.2: Seminar/ PSB 799.2: Research Project/ PSB 804.1: Advanced and</p>	21 hours	<p>Associate Editor Journal of Applied Sciences and Environmental Management, Faculty of Science, 2001 to 2004. Examination Officer Department of Plant Science and Biotechnology, 2000 to</p>

		<p>Nigeria (SAN) 1993, Member, Institute of Biology 1992, Member, Botanical Society of Nigeria (BOSON) 1988, Member, Nigeria Environmental Study Group (NEST) 2012, AWARD Mentor 2011/2012, Member, International Association of Impact Assessment (IAIA) 2011.</p> <p>32 Publications, 3 Books, 4 Chapter Contributions and I Laboratory Manual.</p>		<p>Current Techniques in Plant Breeding/ PSB 831.1: Cytogenetics, Evolution and Phylogeny/ PSB 829.1: Principles and Procedures of Plant Taxonomy/ PSB 830.2: Advanced Plant Systematics/ PSB 899.2: M.Sc Dissertation/ PSB 906.1: Principles and Procedures of Plant Molecular Systematics/ PSB 907.1: Seminar I: Advances in Taxonomic Data Processing and Presentation/ PSB 908.2: Seminar II: Principles and Applications of Bioinformatics/ PSB 912.0: Ph.D Thesis</p>		<p>2008.</p> <p>Member, ASUU Welfare Committee, 2002 to 2004.</p> <p>Member, Faculty of Science Academic Staff Welfare Committee 2002 to 2010. Member Subcommittee on Academic Gowns 2003.</p> <p>Assistant Hall Warden AminuKanu Hall, 2003 to 2005.</p> <p>Business Editor, <i>Scientia Africana</i>, 2002 – 2010, Acting HOD, Department of Plant Science and Biotechnology, 1st July to 2nd July 2004 and 31st August to 1st September 2006.</p> <p>Acting Director, Institute of Science Laboratory Technology, 2nd February to 13th 2006 and 12th to 13th April 2006.</p> <p>Assistant Hall Warden, Donald Ekong Hall, 2006.</p> <p>Assistant Director, GES104.1 2006. Member, Senate Committee for Verification of Degree Results 2009 - Date</p> <p>Associate Dean Faculty of Science, 2010 to 2012.</p> <p>Member, Convocation Sub-committee on Accommodation 2003-Date</p> <p>Chairman, Senate Committee on</p>
--	--	---	--	---	--	---

							Verification of Degree Results, 2011, Member, Senate Business Committee 2012, HOD Dept of Plant Science and Biotechnology 2012, Acting Dean , Faculty of Science 12 th September to 2012.
I.O. Agbagwa	Professor	FT	B.Sc Botany 1992; M.Sc Taxonomy and Biosystematics 1997; Ph.D Plant Science and Biotechnology (UPH) 2001. Membership: Botanical soc.Nig; Nig. Soc. For Biological Conservation (NSBC); Nig. Environmental Society (NES); Nigerian Institute of Safety professionals (NISP); International Institute of Risk and Safety Management, UK. Publications: 20 articles.	Lecturer 1- 2005 Senior Lecturer – 2008. Professor - 2015	PSB 705.1: Plant Genetics/PSB 706.1: Plant Biotechnology/ PSB 711.2: Seminar/ PSB 799.2: Research Project/ PSB 804.1: Advanced and Current Techniques in Plant Breeding/ PSB 831.1: Cytogenetics, Evolution and Phylogeny/ PSB 829.1: Principles and Procedures of Plant Taxonomy/ PSB 830.2: Advanced Plant Systematics/ PSB 899.2: M.Sc Dissertation/ PSB 906.1: Principles and Procedures of Plant Molecular Systematics/ PSB 907.1: Seminar I: Advances in Taxonomic Data Processing and	12	Departmental Exams officer 2007 -2011; seminar coordinator 2009.

					Presentation/ PSB 908.2: Seminar II: Principles and Applications of Bioinformatics/ PSB 912.0: Ph.D Thesis		
S.I. Mensah	Senior Lecturer		B.Sc (Hons) Botany ABU - 1978; Ph.D (Plant Physiology) Glasgow – 1984. Membership: Science Assoc. Nig. (SAN); Botanical Society of Nig.; American Society of Plant Physiologist – USA.; Institute of Biology (MI. Biol. U.K); Chartered Institute of Biology (C. Biol - UK) Publications: 13 articles	Graduate Assistant - 1979; Lecturer 11- 1984; Lecturer 1 – 2002; Senior Lecturer - 2005	PSB 703.1: Plant Physiology/PSB 707.2: Plant Biochemistry/PSB 715.2: Environmental Plant Physiology/PSB 708.2: Tissue Culture/PSB 711.2: Seminar/PSB 799.2: Research Project/PSB 814.1 Germination Techniques/PSB 815.1: Hormonal Control of Plant Growth and Development/PSB 839.1: Advanced Plant Physiological Metabolism/PSB 804.2: Physiology of Special Organisms/PSB 816.2: Special Techniques in Plant Physiology and Histochemistry/PSB 800.2: Seminar/PSB 899.2: M.Sc Dissertation/PSB 900.1: Applied Plant Physiology/PSB 901.1: Seminar I:	20 hours	Departmental seminar coordinator; Staff adviser, Departmental association; coordinator, Departmental community service 1996-1999.

					Physiology Toxicology/PSB 902.2: Seminar II: Plant Physiological Processes/PSB 912.0: Ph.D Thesis		
A. B. Nwauzoma (sabbatical)	Senior Lecturer	FT	B.Sc (Ilorin), M.Phil, PhD (RSUST)	Senior Lecturer 2013	PSB 716.2: Mycology/PSB 718.2: Plant Virology/PSB 720.2: Nematology/PSB 711.2: Seminar/PSB 799.2: Research Project/PSB 837.1: Epidemiology of Bacterial and Fungal Diseases/PSB 849.1: Advanced Mycology/Mushroo m Science/PSB 835.2: Control of Plant Diseases/PSB 823.2: Virus and Mycoplasma Diseases/PSB 800.2 Seminar/PSB 899.2: M.Sc Dissertation/PSB 903.1: Advances in Crop Protection, Disease Control, Field and Storage Disease of Crops/PSB 904.1: Seminar I: Applied Plant Pathology and Mycology (e.g Mycotoxins)/PSB PSB 905.2: Seminar	20	

					II: Molecular Tools for the study of Systematics, Evolution and Ecology of Plant Pathogens/PSB 912.0: Ph.D Thesis		
F.B.G.Tanee	Senior Lecturer	FT	PhD (Plant Ecology), 2009; M.Sc (Plant Ecology), 2002; B.Sc (Botany), 1997; Member, Nigeria Environmental Society (MNES). Number of Publications: 13 articles; 1book chapter; 1 book.	(1). Assistant Lecturer 2005 (2). Lecturer 11 2008. (3). Lecturer 1 - 2011 till date	PSB 704.1: Plant Ecology/ PSB 711.2 Seminar/PSB 799.2- Research project/ PSB 710.2: Biometrics/PSB 709.2 Production Ecology/PSB 711.2: Soil science and Horticulture/PSB 817.1: Special Techniques and Experimental Design in Plant Ecology/PSB 821.2: Production Ecology/PSB 909.1 Ecology of Food Production/PSB 912.0 Ph.DThesis	20 Hour	(1). Departmental Exam/ result Officer. (2) Member, Faculty of Science Sanitation Committee (3). Supervision of Undergraduate and Graduate Research projects (4) Students' adviser (5) Member, Academic board, School of Science Laboratory Technology 2009-2011. (6). Community service coordinator 2009-2011. (7). Secretary, 2007 Accreditation committee, PSB.
J.U. Agobua (study leave)	Senior Lecturer	FT	PhD (2014); MSc. Plant breeding and Genetics (1991) BSc. Botany (1989) Member: International Society for Horticultural Science (ISHS). Biotechnology Society of Nigeria (BSN). Genetic Society of Nigeria (GSN) Botanical Society of Nigeria (BOSON).	Lecturer 11 March 2007-date. Molecular BioSciences Ltd: Laboratory Manager Jan. 2003-June 2005. International Institute of Tropical Agriculture: Research Supervisor: Aug 1992-Feb 1993. International Institute of Tropical Agriculture: Research Associate:	PSB 705.1: Plant Genetics/PSB 706.1: Plant Biotechnology/ PSB 711.2: Seminar/ PSB 799.2: Research Project/ PSB 804.1: Advanced and Current Techniques in Plant Breeding/ PSB 831.1:	20 Hour	Departmental SIWES Coordinator Sunday School teacher in children's ministry

			10 publications	March 1993-Nov. 2002.	Cytogenetics, Evolution and Phylogeny/ PSB 829.1: Principles and Procedures of Plant Taxonomy/ PSB 830.2: Advanced Plant Systematics/ PSB 899.2: M.Sc Dissertation/ PSB 906.1: Principles and Procedures of Plant Molecular Systematics/ PSB 907.1: Seminar I: Advances in Taxonomic Data Processing and Presentation/ PSB 908.2: Seminar II: Principles and Applications of Bioinformatics/ PSB 912.0: Ph.D Thesis		
N.L. Edwin-Wosu	Lecturer I	FT	Ph.D Ecology(2011); M.Sc Plant Ecology (2002); B.Sc Botany (1997) Membership: Botanical Society of Nigeria (BOSON), Nigeria Environmental Society (MNES). Publications: 21 articles	Assistant Lecturer 2007; Lecturer 11 2011	PSB 712.2: Bioremediation/Impact Assessment/PSB 713.2: Biodiversity, Conservation and Development of Natural Resources/PSB 711.2: Seminar/PSB 799.2: Research Project/PSB 719.2: Economic Plants and Weed Science/PSB 805.2: Field Studies of	16	Member, Departmental examination committee Member, Departmental Timetable committee. Member, departmental community service committee.

					Nigerian Flora/PSB 800.2: Seminar/PSB 899.2: M.Sc Dissertation		
B. E.Ochekwu	Lecturer I	F/ T	PhD. Plant ecology (2011) M.Sc. Plant Ecology (2005) B.Sc. Botany (2000) Membership: Botanical Society of Nigeria (BOSON), Weed science society of Nigeria (WSSN), Nigeria Society of Experimental Biology (NISEB) 6 publications	Assistant Lecturer 2007; Lecturer 11-2011. Consultant: Supervisor, Weed Science unit of International Institute of Tropical Agriculture (IITA) 2002. Consultant: Agronomy unit (Supervisor), IITA (2005 – 2007).	PSB 704.1: Plant Ecology/ PSB 711.2 Seminar/PSB 799.2- Research project/ PSB 710.2: Biometrics/PSB 709.2 Production Ecology/PSB 711.2: Soil science and Horticulture/PSB 817.1: Special Techniques and Experimental Design in Plant Ecology/PSB 821.2: Production Ecology	16 Hours	PSB students coordinator SIWES committee member Staff Adviser to PSB student's association Member, Departmental Seminar Committee Coordinator, PSB, community service
P. Eremrena	Lecturer I	FT	B.Sc 1993, M.Sc 2005, PhD 2014; Plant Physiology, Botanical Society of Nigeria. 5 publications	Assistant Lecturer – 2007; Lecturer 11 2011 to date	PSB 703.1: Plant Physiology/PSB 707.2: Plant Biochemistry/PSB 715.2: Environmental Plant Physiology/PSB 708.2: Tissue Culture/PSB 711.2: Seminar/PSB 799.2: Research Project/PSB 814.1 Germination Techniques/PSB 815.1: Hormonal Control of Plant Growth and Development/PSB 839.1: Advanced	9 Hours	Member exam committee, member time table committee/watching football

					Plant Physiological Metabolism/PSB 804.2: Physiology of Special Organisms/PSB 816.2: Special Techniques in Plant Physiology and Histochemistry/PSB 800.2: Seminar/PSB 899.2: M.Sc Dissertation		
S.M. Sam (adjunct)	Senior Lecturer	FT	B.Sc (Hons) Botany-2000 M.SC(Plant Physiology)-2007 Ph.D - 2013 Member, Botanical Society of Nigeria(BOSON) 17 Publications	Lecturer, Akwalbom State College of Agriculture, ObioAkpa 2004-2007 (Lecturer 111) Assistant Lecturer, Dept. of Plant Science & Biotechnology, University of Port Harcourt 2007;Lecturer 11- 2011	PSB 703.1: Plant Physiology/PSB 707.2: Plant Biochemistry/PSB 715.2: Environmental Plant Physiology/PSB 708.2: Tissue Culture/PSB 711.2: Seminar/PSB 799.2: Research Project/PSB 814.1 Germination Techniques/PSB 815.1: Hormonal Control of Plant Growth and Development/PSB 839.1: Advanced Plant Physiological Metabolism/PSB 804.2: Physiology of Special Organisms/PSB 816.2: Special Techniques in Plant Physiology and Histochemistry/PSB	13 Hours	Academic adviser, Member, Community Service Committee, Member, Seminar Committee

					800.2: Seminar/PSB 899.2: M.Sc Dissertation		
C. Wahua	Lecturer I	FT	Ph.D (Plant Taxonomy / Biosystematics) University of Port Harcourt, 2013; M.Sc. In Forestry and Environmental, Rivers State University of Science and Technology, 2007. B.Sc. in Botany, University of Port Harcourt, 1995. Publications 2 articles 1 abstract	-Assistant Lecturer – 2007; Lecturer 11 – 2011.	PSB 712.2: Bioremediation/Imp act Assessment/PSB 713.2: Biodiversity, Conservation and Development of Natural Resources/PSB 711.2: Seminar/PSB 799.2: Research Project/PSB 719.2: Economic Plants and Weed Science/PSB 805.2: Field Studies of Nigerian Flora/PSB 800.2: Seminar/PSB 899.2: M.Sc Dissertation	10 hours	CO-ORDINATOR DEPARTMENTAL WELFARE COMMITTEE MEMBER DEPARTMENTAL SEMINAR COMMITTEE

- ii) **Staff Appraisal:** Appraise the entire academic staff of the Programme based on;
- (a) Adequacy in number, qualification and experience (State average staff to student ratio) **(1:3)**
 - (b) Effectiveness of Lecturers –**Very effective**
 - (c) Professional achievements (Local and International) – **Satisfactory**
 - (d) Past and on-going research efforts in the last three years – **Adequate**
 - (e) Major research output of the programme in the last three years – **Satisfactory**
 - (f) List of academic publications in reputable journals in the last three sessions. – **in Curriculum Vitae**
- (a). Adequacy in number:- **Presently the Department has nineteen Academic Staff, made up of nine professors, 5 Senior Lecturers and five Lecturer 1, among others. The number of Lecturers in the Department is adequate for the postgraduate programmes offered in the Department.**

Qualification and experience:- **With nine professors (all with PhD), five Senior Lecturers (all with PhD), five Lecturer 1 (with PhD), the Department has highly qualified academic staff, with vast and diverse experiences and areas of interest.**

- (b). Effectiveness of Lecturers:- **The qualification, experience, diversity in specialization, working tools (such as personal computers for academic and technical staff, one multimedia facility and access to more as needs arise the staff is highly motivated and dedicated and consequently very effective to meet the vision, mission and objectives of the programme.**
- (c). Professional achievements:- **The Professors, Senior Lecturers and the other categories of Lecturers are highly successful academics in scholarly publications (locally and internationally). They are consultants to the industries and Government agencies and have travelled and participated extensively in conferences within and outside Nigeria. The department is highly respected in the faculty and university where members have served and are serving in various exalted capacities in and outside the university. Three of our Professors are on secondment, two as Deans of School of Science laboratory Technology and Faculty of Agriculture while the other is Dean Faculty of Natural Sciences Otueke Federal University, Bayelsa State. Many are Consultants to several Environmental Protection concerns as well as State and Federal Government Agencies.**

iii) Thesis/dissertation Supervision

List below the names of the Postgraduate thesis/dissertation supervisors, the number of students assigned in the current session, as well as the total assigned in the last three years.

Names of Staff by Category	Number of Students Currently Supervised	Students being Supervised	Total Number of Students Supervised in Last 3 Years
Professor			
1. NYANANYO, B.L.	1		2
2. ANYANWU, D.I.	2		4
3. ATAGA, A.E.	2		5
4. NDUKWU, B.C.	4		7
5. AKONYE, LOVE A.	3		5
6. NWACHUKWU, EUNICE. O.	2		4
7. OSUJI, JULIAN O	3		6
8. OBUTE, G.C.	4		7
9. AGBAGWA, I.O.	5		7
Senior Lecturer			
1. MENSAH, S.I.	1		2
2. TANEE, F.B.G	3		10
3. AKPAJA, E. O.	1		1
4. AGOGBUA, JOSEPHINE U.	1		1
Lecturer I			
1. OCHEKWU, EDACHE. B.	1		3
2. EDWIN-WOSU, N, L.	Nil		1
3. EREMRENA, P	1		1

2 Non-Academic Staff

a) Senior Technical Staff

Complete the table below in respect of the Senior Technical Staff for the programme.

Name	Rank/Designation and Date of First Appointment	Qualifications and Dates obtained	Post-Qualification Work Experience	Duties Performed
ORDU, B.C	Chief Technologist Lab	HND (UK) ANIST, REM (USA)		Lab. Technologist
ONWUEGBU, J	Chief Technologist Lab	OND (LAB TECH) HND ANIST,		Lab. Technologist
DEEDUAH, K.N.	Chief Technologist Lab	HND, ND ANIST OD, WASC FSLC		Lab. Technologist

EKEKE, C.	Curator	BSc, MSc, PhD		Lab. Technologist
OGAZIE, C. A.	Principal Technologist	B.Sc MSc		Lab. Technologist
OKARA, EBINIPRE	Senior Assistant Technologist	B. TECH., MICROB. CULTURE MGT CERT, ANIST		Lab. Technologist

b) Senior Administrative Staff

Complete the table below in respect of the Senior Administrative Staff for the programme.

Name	Rank/Designation and Date of First Appointment	Qualifications and Dates obtained	Post-Qualification Work Experience	Duties Performed
APAPA, DUNMEZE ONISOBUANA (MRS.)	Assistant Registrar	BSc(SOCIOLOGY) UNIPORT, PGD (Industrial Relations & Personnel Management) UNIPORT		Administrative
COMFORT WALI ISAAC	Personal Secretary II	WAEC (1984), B.Sc. (2004), PGD (2013)		Administrative
WICHE, ALALI C. (MRS.)	Chief Secratarial Assistant	RSA PITMAN INTERM., PITMAN ADV., GCE		Administrative
KPONI TOMBARI (MRS)	CHIEF CLERICAL OFFICER	WAEC		Administrative

c) Junior Staff

Complete the table below in respect of the Junior Staff for the programme

Name	Rank/Designation and Date of First Appointment	Qualifications, and Dates obtained	Post-Qualification Work Experience	Duties Performed
SIMEON, NUBARIDOO, C.	COMPUTER OPERATOR I	SSCE, BSc		Computer Operator
CHINDA, EUNICE	CARETAKER	FSLC		CARETAKER
AMADI BENICI WONNE	CARETAKER	FSLC		CARETAKER
FYNEFACE NWANA	CARETAKER	FSLC		CARETAKER

3. Staff Development Programme

Describe the Staff Development Scheme by the University for upgrading and updating academic and other staff of the programme in order to enhance teaching, research and community service. List the benefitting Staff of the programme in the last three years with specific indication of the support received.

The staff development of the university is very active, coupled with the TETFUND sponsored programmes. Lecturers are sent on conferences, workshops and study leave.

D. PHYSICAL FACILITIES RELEVANT TO PROGRAMME

1. Academic Facilities

- a) Comment on the availability and adequacy of lecture theatres, class rooms, seminar rooms and others.

Type of Facility	Size	Number of Students
Classrooms (available in the PSB Department and World Bank Centre of Excellence)	Standard	20

b) Comment on the availability and adequacy of laboratories, studios and clinics/wards for the programme.

Type of Facility		Size	Number of Students

Type of Facility A	No. Available B	Average area of room/studio etc in m sq. C	No. of Students each room can accommodate D	No. of rooms jointly used with other Departments E	Expansion Programme (if any)			Total Facility that will be available to Department when expansion work is completed (B+F)
					Additional facility F	Year Started G	Year of Completion H	
Laboratories	1 (big) 5. (small)	90 m ² 54 m ²	80 40	1 Nil	Central Instruments Laboratory			10
5. Workshops	Nil	N/A		Nil				
6. Studios	Nil	N/A	N/A	N/A				
7. Library	1	1	10	Nil				
8. Office Accommodation	14	24 m ²	N/A	Nil				
Others (specify)								
Herbarium	1	25m ²	12	Nil	Part of the proposed Regional Centre for Biotechnology and Bioresources.	Work yet to start		
Botanic Garden	1	72,000m ²	N/A					
Experimental Plot	None							
Regional Centre for Bioresources and Regional Centre	Office	130m ²	N/A					
	Nature Conservation Area	360,000m ²						

for Biotechnology								
Tissue Culture Laboratory	1	25m²				2007	2008	
Screen House (Ecology Professorial Chair)	1	40 x 40 m²				2009	2012	
Genetics and Molecular Biology Laboratory	1	15m²						

c) Comments on the availability and adequacy of Equipment and furnishing of facilities

Type of Facility	Size	Number of Students

Laboratories	Shared or Not	S/N	Equipment	Quantity	State/Quality
Mycology/Pathology Research Lab	Not shared	1	Refrigerator Debo	1	Functional
		2	Gallenkamp Incubator	2	Functional
		3	Ionmiser (Houseman)	1	Functional
		4	Furnace(Carbolite)	1	Functional
		5	Freeze Drier (Edwards)	1	Functional
		6	Pius 11 Oven (Gallenkamp)	1	Functional
		7	Drier Oven (BXT)	1	Functional
		8	Colorimeter (Corning)	1	Not Functional
		9	Flask shaker	1	Functional
		10	Hand lenses	10	Functional
		11	Hot plate	2	Functional
Plant Physiology Lab	Not shared	12	Spectrophotometer UV (PYEUNICAM)	1	Functional
		13	Centrifuge (MSE MINOR 35)	1	Functional
		14	Oven (large)	2	Functional
		15	Electro-Thermal heater (CLIFTON)	1	Functional
		16	Micro Sectioner	1	Functional
		17	Conductivity Meter	2	Functional
		18	Metler Balance (PN 163)	2	Functional
		19	Metler Balance (H54 AR)	1	Functional
		20	pH Meter Jenway	1	Functional
		21	pH Meter Philips	2	Functional
		22	Double Distiller	1	Functional
		23	Water Bath	2	Functional
		24	Desktop Computer (Mercury)	1	Functional

Plant Taxonomy and Biosystematics Lab	Not Shared	25	Refrigerated Microtome (Bright)	1	Functional
		26	Unicorn Trinocular Microscope Photomicroscope with Camera (Manual)	1	Not functional
		27	Ward's Video Microscope	1	Functional
		28	TruFLAT (RCA) Flat Screen TV set attached to Video Microscope	1	Functional
		29	Unicorn Stereo Trinocular Microscope	2	Functional
		30	WARD's Agarose Electrophoresis Unit (DNA kit)	1	Functional
		31	Unicorn Spencer Rotary Microscope	1	Functional
		32	Monocular Light microscopes	20	Functional
		33	Camera Lucida	1	Functional
		34	Genesis 20 Thermo Spectronic spectrophotometer	3	Functional
		35	LE 6235 Sartorius (Tare) balance	4	Functional
		36	SWIFT microscope care kit	1	Functional
		37	SWIFT monocular microscopes	10	Functional
		38	Hot Air Unicorn Oven	1	Functional
		39	Digital Photomicroscope	1	Functional
		40	Dissecting microscopes	5	Functional
41	Drying Ice Machine	1	Functional		

2. Office Accommodation

- a) Comment on the office accommodation available for academic staff, stating the size of accommodation, list of furniture items and how many lecturers share the rooms.

Use of offices, common rooms located in the World Bank Centre of Excellence

- b) Complete the table indicating the disposition of offices for staff.

RANK	SINGLE OCCUPANCY	SHARED BY 2	SHARED BY 3	SHARED BY 4 OR MORE	TOTAL OFFICES
Professors	√				
Associate Prof/Readers	√				
Senior Lecturers	√				
Lecturer 1	√	√			

3. Appraisal of Facilities

Appraise other existing facilities in terms of quality and quantity for the current and projected enrolment period e.g., PG common room and offices. **Adequate**

E. LIBRARY FACILITIES RELEVANT TO PROGRAMME

1. 1) Physical Library Holdings for the programme:

- (i) Number of Textbooks **In excess of five hundred**
- (ii) Number. of Academic Journals **In excess of five hundred**
- (iii) Number of other Periodicals (e.g. Newsletters, News Bulletin, etc)
- (iv) Number of Monograms/off prints

11. Currency of materials – **Use of University of Port Harcourt main Library**

2. e-library

- (i) Subscription/ Registration to e-books and e-journals – **University of Port Harcourt main Library**
- (ii) Accessibility of subscribed e-resources – **University of Port Harcourt main Library**

3. Library Space (m²):

- (i) For Books: **Adequate, University of Port Harcourt Library**
- (ii) For Reading: **Adequate, University of Port Harcourt Library**

a) **Library Seating Capacity:**

(iii) Seating Capacity for Users: Adequate, University of Port Harcourt Library

(iv) Others (specify): Plant Science and Biotechnology Departmental Library

b) **Library Equipment**

List the equipment in the library and indicate their number and current functionality. – **University of Port Harcourt Library**

F. FUNDING

1. Recurrent Expenditure – Refer to University of Port Harcourt

Complete the table for availability of funds for the past three years

Category	Year One		Year Two		Year Three	
	Provision	Expenditure	Provision	Expenditure	Provision	Expenditure
1. Staff Remuneration						
2. Staff Development						
3. Library materials						
4. Laboratory consumables						
5. Studio consumables						
6. Office/classroom soft Furniture						
7. Research						
8. Maintenance						
9. Supplies/Training consumables						
10. Vehicle maintenance						
11. Utilities services						
12. Others (specify)						

2. Capital Expenditure – Refer to University of Port Harcourt

Complete the table for availability of funds for the past three years.

Category	Year One		Year Two		Year Three	
	Provision	Expenditure	Provision	Expenditure	Provision	Expenditure
1. Expansion of physical facilities.						
a) Classroom/lecture theatre						
b) ICT Facilities						
c) Library						
2. Machines & Equipment						
3. Others (specify)						

3. Assets and Liabilities – Refer to University of Port Harcourt

State below the current Assets and Liabilities with regard to the programme.

4. Financial Appraisal– Refer to University of Port Harcourt

Appraise the adequacy of the operating Funds for the programme.
For recurrent expenditure, also indicate the expenditure per annum per student.

G. EMPLOYMENT INDEX – Refer to University of Port Harcourt

Employers’ rating of graduates of the Programme

Year of Graduation	Percent that is self-employed	Percent that got jobs within 1 year	Summary of Employers’ Remarks.

H. STATE THE CONTRIBUTIONS OF THE ALUMNI OF THE PROGRAMME.

I. Name of officer completing the Form:

Dr. S.I. Mensah, Ag, H.O.D., Department of Plant Science and Biotechnology (Senior Lecturer).....
Prof. B.C. Ndukwu (Ag, Chairman, Departmental Graduate Board) and Prof. B.L Nyananyo.....

Rank:
.....

Signature: