

**POSTGRADUATE SCHOOL
RIVERS STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY
NKPOLU-OROWORUKWO, PORT HARCOURT**

**ADMISSION INTO POSTGRADUATE SCHOOL PROGRAMMES FOR 2016/2017
ACADEMIC SESSION**

Applications are invited from suitably qualified candidates for admission into postgraduate programmes in the Rivers State University of Science and Technology, Nkpolu-Oroworukwo, Port Harcourt for the 2016/2017 academic session in the following Faculties/Institutes:-

A. FACULTY OF AGRICULTURE

1. Department of Agricultural and Applied Economics / Extension

a) **Postgraduate Diploma (PGD)**

- i) Agricultural Economics
- ii) Agricultural Extension and Rural Sociology

b) **Master of Science (M.Sc.)**

- i) Agricultural Economics
- ii) Agricultural Extension and Rural Sociology
- iii) International Economics and Finance
- iv) Environmental Economics and Policy
- v) Social Work and Community Development

c) **Doctor of Philosophy (PhD)**

- i) Agricultural Economics (with specialization in Production Economics and Farm Management, Agricultural Finance and Agricultural Marketing)
- ii) Agricultural Extension and Rural Sociology
- iii) International Economics and Finance
- iv) Environmental Economics and Policy
- v) Social Work and Community Development

2. Department of Animal Science

a) **PGD** in Animal Science

b) **M.Sc., PhD** in Animal Science with specialization in:

- i) Animal Nutrition and Biochemistry
- ii) Animal Production and Management
- iii) Animal Physiology and Reproduction
- iv) Animal Breeding and Genetics

3. Department of Crop and Soil Science

a) **PGD** in:

- i) Crop Science

- ii) Soil Science
 - b) **M.Sc., PhD** in Crop Science, with the following areas of specialization:-
 - i) Crop Production and Physiology
 - ii) Plant Breeding and Genetics
 - iii) Farming Systems and Environment
 - iv) Plant Pathology and Entomology
 - c) **M.Sc., PhD** in Soil Science, with the following areas of specialization:-
 - i) Soil Physics and Conservation
 - ii) Soil Chemistry and Mineralogy
 - iii) Soil Survey and Pedology
 - iv) Soil Fertility and Microbiology/ Biochemistry
4. Department of Fisheries and Aquatic Environment
- a) **PGD** in Fisheries and Aquatic Environment
 - b) **M.Sc., PhD** in Fisheries and Aquatic Environment with specialization in:
 - i) Aquaculture
 - ii) Fisheries Biology
 - iii) Fish Nutrition
 - iv) Fish Processing and Utilization
5. Department of Food Science and Technology
- a) **PGD** in Food Science and Technology
 - b) **M.Sc., PhD** in Food Science and Technology with specialization in:
 - i) Food Microbiology / Biotechnology
 - ii) Food Chemistry/ Biochemistry
 - iii) Food Quality Control and Assurance
 - iv) Food Process and Storage Technology
6. Department of Forestry and Environment
- a) **PGD** in Forestry and Environment
 - b) **M.Sc., PhD** in Forestry and Environment, with the following areas of specialization:
 - i) Forest Ecology and Silviculture
 - ii) Forest Pathology and Soil Microbiology
 - iii) Forest Taxonomy and Tree Improvement
 - iv) Wildlife Management and Ecotourism

B. FACULTY OF ENGINEERING

1. Department of Agricultural and Environmental Engineering
- PGD, M.Tech., and PhD** in:
- a) Environmental Engineering

- b) Farm Power and Machinery Engineering
 - c) Soil and Water Engineering
 - d) Rural Development Engineering
 - e) Post-Harvest Process Engineering
2. Department of Chemical/Petrochemical Engineering
 - a) Chemical Engineering (**PGD, M.Tech, and PhD**)
 - b) Petrochemical Engineering (**M.Tech.**)
 3. Department of Civil Engineering
 - a) Structural Engineering (**M.Tech, PhD**)
 - b) Civil Engineering (**PGD**)
 - c) Highway /Transportation Engineering (**M.Tech, PhD**)
 4. Department of Marine Engineering
 - a) Naval Architecture and Ship Building (**PGD, M.Tech., PhD**)
 - b) Marine Engineering (**PGD, M.Tech., PhD**)
 - c) Offshore Engineering (**PGD, M.Tech., PhD**)
 5. Department of Mechanical Engineering
 - a) Applied Mechanics and Design (**PhD**)
 - b) Thermo-Fluids Engineering (**PGD, M. Tech., PhD**)
 - c) Master of Engineering Management (**MEM**)
 - d) Production Engineering (**PGD, M.Tech., PhD**)
 6. Department of Electrical Engineering
 - a) Power Engineering (**PGD, M.Tech., PhD**)
 - b) Electronics Engineering (**PGD, M. Tech.**)
 - c) Communications Engineering (**M.Tech.**)
 7. Department of Petroleum Engineering
 - a) Petroleum Engineering (**PGD, M.Tech.,PhD**)

C. FACULTY OF ENVIRONMENTAL SCIENCES

1. Department of Architecture
 - i) **M. Sc.,** Architecture
2. Department of Estate Management
 - i) **PGD,** Estate Management
 - ii) **M. Sc.,** Real Estate
3. Department of Urban and Regional Planning
 - i) **PGD/M. Sc.,** Urban and Regional Planning

- 4. Department of Surveying and Geomatics
 - i) **PGD, MSc., PhD**, Surveying and Geomatics

D. FACULTY OF LAW

- a) **PGD**, Petroleum and Environmental Law
- b) Master of Laws (**LL.M**)
- c) **PhD in Law**, with the following options:
 - i) International Law and Human Rights
 - ii) Petroleum and Environmental Law
 - iii) Business and Industrial Law
 - iv) Constitutional Law and Jurisprudence

E. FACULTY OF MANAGEMENT SCIENCES

- a) **PGD**
 - i) Accountancy
 - ii) Banking and Finance
 - iii) Management
 - iv) Marketing
 - v) Mass Communication
 - vi) Office and Information Management
- b) **M. Sc.**, Accountancy with options in:
 - i) Accountancy
 - ii) Taxation
 - iii) Public Sector Accounting
- c) **M. Sc.**, Banking and Finance with options in:
 - ii) Banking and Finance
 - ii) Quantitative Finance
 - iii) Corporate Finance
 - iv) Financial Markets
- d) **M. Sc.**, Management with options in:
 - i) Human Resources Management
 - ii) Industrial Relations
 - iii) Business Policy
 - iv) Organizational Behaviour
- e) **M. Sc.**, Marketing
- f) **M. Sc.**, Mass Communication (Communication and Development Studies)
- g) **M.Sc.**, Office and Information Management

- h) **PhD**
- i) Accountancy
- ii) Banking and Finance (with options as in M.Sc. programme)
- iii) Management (with options as in M. Sc. programme)
- iv) Marketing

F. FACULTY OF SCIENCE

1. Department of Applied and Environmental Biology
PGD, M.Sc., PhD, with the following areas of specialization:
 - i) Applied Microbiology and Industrial Microbiology
 - ii) Applied Environmental and Industrial Entomology
 - iii) Marine Biology and Marine Pollution Studies
 - iv) Plant Pathology
 - v) Environmental Biology
2. Department of Chemistry
 - a) **PGD** (Chemistry)
 - b) **M.Sc. and PhD in Chemistry**, with the following options:
 - i) Analytical Chemistry
 - ii) Environmental Chemistry
 - iii) Inorganic Chemistry
 - iv) Organic and Natural Products Chemistry
 - v) Physical Chemistry
 - vi) Biochemistry
3. Department of Medical Laboratory Science
PGD, M.Sc., PhD, with the following options:
 - i) Medical Microbiology
 - ii) Chemical Pathology
 - iii) Hematology and Blood Group Serology
4. Department of Mathematics / Computer Science
 - a) **PGD**
 - i) Applied Statistics
 - ii) Computer Science
 - b) **M.Sc.**
 - i) Computer Science
 - c) **M.Sc., PhD** in:-
 - i) Applied Mathematics
 - ii) Applied Statistics

5. Department of Physics
PGD, M.Sc., PhD, with the following options:
- i) Solid State Physics
 - ii) Theoretical Physics (Plasma Physics, Fluid Dynamics)
 - iii) Applied Geophysics
 - iv) Environmental Physics and Radiation Protection

G. FACULTY OF TECHNICAL AND SCIENCE EDUCATION

1. Department of Business Education

- a) **MEd** Business Education
- b) **M.Sc.** Business Education, with specialization in:-
 - i) Accountancy
 - ii) Entrepreneurship
 - iii) Office Management & Technology
 - iv) Economics Education
- c) **Ph.D** Business Education

2. Department of Educational Foundations

MEd; PhD, with the following areas of specialization:

- i) Educational Management and Planning
- ii) Philosophy of Education
- iii) History and Policy of Education
- iv) Sociology of Education
- v) Curriculum and Instruction
- vi) Educational Technology
- vii) Adult Education and Community Studies
- viii) Educational Measurement and Evaluation
- ix) Guidance and Counselling

3. Department of Science and Technical Education

MSc; PhD

- a) **Agricultural Education**, with the following options:
 - i) Administration
 - ii) Community Development
 - iii) Agricultural Resources and Environment
- b) **Science Education**, with the following options:
 - i) Biology Education
 - ii) Chemistry Education
 - iii) Physics Education
 - iv) Mathematics Education

c) **Technical Education**, with the following options:

- i) Building Technology
- ii) Electrical/Electronic Technology
- iii) Mechanical Technology

4. **INSTITUTE OF EDUCATION**

PGDTE/PGDE (Full-time and Sandwich)

- a) Postgraduate Diploma in Technical Education (**PGDTE**)
- b) Postgraduate Diploma in Education (**PGDE**)
- c) **The following Master's Degrees are available as Sandwich programmes only:**
 - i) **M.Ed.** in Adult Education
 - ii) **MSc** in Agricultural Education
 - iii) **MSc/M.Ed** in Business Education
 - iv) **M.Ed.** in Educational Management and Planning
 - v) **M.Ed.** in Guidance and Counselling
 - vi) **MSc** in Technical Education
 - vii) **M.Ed.** in Measurement and Evaluation
 - viii) **MSc** in Science Education
 - ix) **M.Ed.** in Educational Technology
 - x) **M.Ed.** in Women Development and Community Studies
 - xi) **M.Ed.** in Curriculum and Instruction
- d) **Doctor of Philosophy (Sandwich Only):**
All of the Institute's Master's degrees are available at PhD level, as Sandwich programmes only.

NOTE: SANDWICH PROGRAMMES in the Institute's Master's degrees and Postgraduate Diplomas will run during the long vacation (**25TH JULY - 30TH SEPTEMBER, 2017**).

H. INSTITUTE OF FOUNDATION STUDIES

- a) **Postgraduate Diploma (PGD) in:-**
 - i) Social Studies
 - ii) Local Government Administration
- b) **Master of Science degree (MSc):**
 - i) Social Work and Gender Studies
 - ii) English Language and Communication Studies
 - iii) Philosophy
 - iv) Public Administration
 - v) History and International Relations
 - vi) Peace and Conflict Management Studies

I. INSTITUTE OF GEOSCIENCES AND SPACE TECHNOLOGY

- a) **MPhil.** and **PhD**, Environmental Management (**Full-time Only**).

J. CENTRE FOR LOGISTICS AND TRANSPORT PLANNING STUDIES (CELTPS)

The following Postgraduate Diplomas and degrees are available as full-time and part-time programmes:

- i) **PGD** in Transport Planning
- ii) **PGD** in Supply Chain and Logistics Planning
- iii) **M.Sc.** in Transport Planning
- iv) **M.Sc.** in Supply Chain and Logistics Planning
- v) **PhD** in Transport Planning
- vi) **PhD** in Supply Chain Planning

K. MARITIME POSTGRADUATE PROGRAMMES

- i) **M.Sc** in Shipping Management (**Part-time, weekends only**)
- ii) **M.Sc** in Maritime Transport Technology (**Part-time, weekends only**)

1. ADMISSION REQUIREMENTS

Applicants with the qualifications in the underlisted categories shall be eligible for admission into the postgraduate programmes; *however, candidates must also fulfill the matriculation requirements of Rivers State University of Science and Technology, Nkpolu-Oroworukwo, Port Harcourt.*

A. POSTGRADUATE DIPLOMAS

- i) Holders of at least a Third Class Degree in the subject area applied for or a Second Class (Lower Division) degree in a related discipline, obtained from the Rivers State University of Science and Technology or any other recognized institution of equivalent status.
- ii) Holders of Higher National Diploma (HND) with at least lower credit classification or its equivalent in a related discipline, obtained from a recognized institution.
- iii) For Faculty of Engineering, candidates must be holders of at least a Third Class or Pass degree in a related discipline from a recognized institution.
- iv) Candidates for PGD in the Department of Electrical Engineering must be holders of a B.Sc. or B.Tech. degree in Electrical or Computer Engineering; Physics with Electronics or Computer Science.
- v) Candidates for PGD in the Department of Marine Engineering must be holders of a Second Class degree in Mechanical or Agricultural Engineering; Third Class or Pass

degree in Marine Engineering and Upper Credit in Higher National Certificate in Marine or Mechanical Engineering.

- vi) Candidates for PGD in Surveying and Geomatics must be holders of either:
 - (a) Third Class B.Sc/B.Tech degree in Surveying;
 - (b) B.Sc/B.Tech in disciplines cognate to Surveying and Geomatics, e.g. Mathematics, Physics, Computer Science, Geography (with Mathematics Courses), etc., obtained from Rivers State University of Science and Technology or any other recognised University;
 - (c) Higher National Diploma (HND, Upper Credit minimum) from a recognized institution may also be considered. Holders of HND (Lower Credit) with a minimum of five (5) years post-qualification relevant experience may be considered. However, such candidates must enrol for and pass prescribed remedial courses in Surveying and Geomatics.
- vii) Candidates for the Postgraduate Diploma in Education (PGDE) must be holders of a Third Class degree in the Arts, Sciences or Social Sciences from an approved university or Holders of a Higher National Diploma with Credit/Merit pass in the relevant teaching subject.
- viii) Applicants for the Postgraduate Diploma in Technical Education (PGDTE) must be holders of a Third Class degree in any technical discipline awarded by a recognized university.
- ix) Applicants for the PGD programme in Social Studies and Local Government Administration must possess a good Bachelor's degree or HND Upper Credit in related areas other than Political/Public Administration.
- x) Applicants for the PGD in Transport Planning and PGD in Supply Chain and Logistics Planning must possess the following:
 - (a) B.Sc./B.Tech. (Third Class minimum) from Rivers State University of Science and Technology or any other recognized University in relevant disciplines such as Urban and Regional Planning, Transport Management, Marine Engineering, Business Administration, Environmental Sciences, etc.
 - (b) HND or its equivalent (with at least an Upper Credit).
 - (c) Holders of recognized professional qualifications in Logistics/Transport, e.g. Chartered Institute of Logistics and Transport (CILT); Institute of Transport Engineers; Institute of Transport Administration and others, with at least 5 years working experience in a transport or related organization.

B. MASTER'S DEGREE PROGRAMMES

- i) A candidate seeking admission into the Full-time/Part-time Master's degree programme must possess a Bachelor's degree with at least Second Class Lower Division in the relevant discipline.
- ii) A candidate who holds PGD, PGDE, PGDTE in the relevant discipline or an equivalent Diploma (in Maritime Transport, Marine Engineering or Nautical Studies, Master Mariner, Marine Engineers Class 1) with CGPA of 3.50 or above (on a five-point grade system) may apply for the Master's Programmes.
- iii) Candidates for MSc in Surveying and Geomatics must be holders of either:
 - (a) B.Sc/B.Tech in Surveying and Geomatics degree with at least 2nd Class Lower Division or equivalent from the Rivers State University of Science and Technology or any other approved University;
 - (b) B.Sc degree (Second Class Lower minimum) in subjects cognate to Surveying such as Mathematics, Engineering, Physics or Geography (with Mathematics) and, in addition, a Postgraduate Diploma (PGD) in Surveying and Geomatics at a pass level equivalent to the CGPA of 3.0 and above on a 5-point scale obtained from the Rivers State University of Science and Technology;
 - (c) Higher National Diploma (HND) Upper Credit minimum from a recognized institution may also be considered. Holders of the HND with Lower Credit with a minimum of five (5) years post-qualification relevant experience may be considered. However, such candidates must enrol for and pass prescribed remedial courses in Surveying and Geomatics.
- iv) Candidates for the M.Ed. degree programmes offered in the Faculty of Technical and Science Education/Institute of Education should possess

EITHER

a good Bachelor's degree (not lower than Second Class Lower Division) in a relevant teaching subject

OR

Higher National Diploma or its equivalent with at least lower credit classification in addition to PGDE or PGDTE with a CGPA of 3.50 obtained from this University or any other recognized institution.

- v) Candidates for the programme in Social Work and Gender Studies must possess a first degree in any discipline with not less than Second Class Lower division. A PGD in Social Studies will be an added advantage.

- vi) Candidates for admission into the programme in English Language and Communication Studies require a first degree with at least Second Class Lower Division in Language, Literature, Linguistics or any other related discipline. A PGD in Social Studies would be an added advantage.
- vii) Candidates for the programme in Philosophy are required to have obtained a first degree with at least Second Class Lower Division in Philosophy. A PGD in Social Studies would be beneficial.
- viii) Candidates for the M.Sc Transport Planning and M.Sc Supply Chain and Logistics Planning must have a PGD in Transport and Logistics Studies (with a minimum CGPA of 3.0 on a 5-point grade system) or B.Sc./B.Tech. degrees (Second Class Lower minimum) in Urban and Regional Planning, Civil Engineering, Marine Engineering, Management Sciences, Environmental Sciences and disciplines related to these.

C. DOCTOR OF PHILOSOPHY PROGRAMMES

A candidate for a PhD programme shall:

- j) Possess a Master's degree with a CGPA of 3.50 or above, on a five-point grade system, in a relevant discipline, obtained from the Rivers State University of Science and Technology or any other recognized institution of higher learning of equivalent status.
- ii) Candidates for PhD in Surveying and Geomatics must have an M.Sc in Surveying and Geomatics degree with a CGPA of 3.5 on a 5-point scale or 60% weighted average from Rivers State University of Science and Technology or any other institution of equivalent status.
- iii) Present himself or herself for a qualifying interview, if need be.

- D.** Holders of Masters of Business Administration (MBA) degrees can **only** be considered for admission into the relevant Master of Science (M.Sc.) programmes related to their first degrees.

No person shall be admitted to a programme unless his/her application has been approved by the Postgraduate School Board on behalf of Senate and on the recommendation of the appropriate Faculty Committee.

Note: In addition to the conditions above, a candidate may be required to present himself/herself for a selection test and/or oral interview.

2. DURATION OF PROGRAMMES

- 2.1 The full-time Postgraduate Diploma programmes run for **two semesters** (minimum) and **four semesters** (maximum) with or without project writing.

- 2.2 The full-time Postgraduate Diploma programme in Engineering runs for a duration of **four semesters** (minimum) and **six semesters** (maximum) with project.
- 2.3 The full-time Postgraduate Diploma programme in Transport Planning and Logistics and Supply Chain Planning runs for **three semesters** (minimum) and **four semesters** (maximum).
- 2.4 The part-time Postgraduate Diploma programme in Surveying and Geomatics runs for **four semesters** (minimum) and **six semesters** (maximum).
- 2.5 The full-time Master's degree programme with dissertation is structured to last for a minimum of **four semesters** and a maximum of **six semesters**.
- 2.6 The full-time Master's degree programme with dissertation in Faculty of Engineering is structured to last for a minimum of **four semesters** and a maximum of **six semesters**.
- 2.7 The full-time Master's degree programme in Surveying and Geomatics runs for **three semesters** (minimum) and **six semesters** (maximum).
- 2.8 The part-time Master's degree programme in Surveying and Geomatics runs for **four semesters** (minimum) and **eight semesters** (maximum).
- 2.9 The full-time Master's degree programme in Transport Planning and Logistics and Supply Chain Planning will run for **four semesters** (minimum) and **five semesters** (maximum).
- 2.10 The full-time Doctor of Philosophy (PhD) programmes with thesis runs for **six semesters** (minimum) and **eight semesters** (maximum).
- 2.11 The part-time Doctor of Philosophy (PhD) programme in Surveying and Geomatics runs for **eight semesters** (minimum) and **ten semesters** (maximum).
- 2.12 Part-time study, specifically to be undertaken at weekends only, is available for the programmes in Shipping Management and Maritime Transport Technology for **six semesters** (minimum) and **eight semesters** (maximum).
- 2.13 Part-time study in Faculty of Engineering is available for PhD programmes **only** and runs for **ten semesters** (minimum) and **twelve semesters** (maximum).
- 2.14 Unless otherwise stated, part-time studies in any Faculty, where it is available, will take **twice** the duration allowed for the corresponding full-time programmes. Such part-time PhD programmes will last for **ten semesters** (minimum) and **twelve semesters** (maximum).

- 2.15 The sandwich Postgraduate Diploma programmes in Education run for a minimum duration of **two long vacations** and a maximum of **four long vacations**.
- 2.16 The sandwich Master's programmes with dissertation in Education run for a minimum duration of **three long vacations** and maximum of **six long vacations**.
- 2.17 The sandwich Doctor of Philosophy (PhD) programmes with thesis in Education run for a minimum duration of **six long vacations** and a maximum of **twelve long vacations**.

3. MODE OF APPLICATION

Applications for admission to any postgraduate programme shall be made on-line by logging onto www.ust.edu.ng and making an e-payment of thirty thousand naira (₦30,000.00) only, using interswitch verve - enabled cards. Application forms should be completed on-line, downloaded and hard copies submitted to the Secretary, Postgraduate School along with the following:

- i) Photocopies of Certificates.
- ii) Certified academic transcripts. (It is the responsibility of applicants to ensure that copies of their academic transcripts are forwarded under confidential cover directly to **The Secretary, Postgraduate School, Rivers State University of Science and Technology, Nkpolu-Oroworukwo, Port Harcourt**).
- iii) Letter of reference from three referees, including one from a previous academic institution, stating that applicant is qualified to undertake advanced studies and research and that he (the Referee) is confident that the applicant will benefit from the training.

For PhD applicants, brief research proposals on their intended areas of study should also accompany the application forms.

The deadline for submission of applications on-line and at the Postgraduate School is 29th July, 2016.

Sgd
D. C. Odimabo (Mrs.)
Registrar