



**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA**  
*POSTGRADUATE SCHOOL*  
**(Office of the Dean)**

**Admission into Postgraduate Programmes  
For 2019/2020 Academic Session**

Applications are invited from suitably qualified candidates for admission into the following Postgraduate Programmes in the under listed Schools of the University.

**GENERAL ADMISSION REQUIREMENTS**

A candidate applying for Postgraduate Studies in the Federal University of Technology, Minna must have obtained five (5) Credits in WAEC, NECO, NABTEB and GCE ('O' Level) or their equivalents including English Language and Mathematics at not more than two sittings. No admission shall be made on the basis of any awaiting 'O' Level result and no exemption is made for admission into any programme.

**PhD programme**

- i. Candidates for admission for any of PhD Programme shall be Master Degree graduates of the Federal University of Technology, Minna or any other University recognized by the Senate or holders of equivalent qualifications acceptable to the University Senate.
- ii. A Master Degree holder applying for PhD Programme of the University must have maintained a weighted score average of 60% or a 'B' grade or a **CGPA** of 3.50 out of 5.00 in overall performance in the Master Degree programme.
- iii. Appropriate courses may be prescribed for candidates whose background is considered weak for the areas of specialization. This is done at the discretion of the School/Department within the approved general regulations/guidelines of the Postgraduate School.

**Master Degree Programmes**

- i. A Minimum of Second Class Honours (Lower Division) degree from Federal University of Technology, Minna or any other recognized University.
- ii. A Third Class Honours Degree with at least 3 years graduation experience in relevant fields may be considered. In some areas, passing a qualifying examination to be administered by the Department of the candidates, in consultation with the Postgraduate School, may be required. Please note that this is not applicable to the Engineering schools (SEET and SIPET).
- iii. Candidates with HND with a minimum of Lower Credit, OND Lower Credit and a Postgraduate Diploma in relevant field with, at least a minimum of Lower Credit and one year graduation experience may be considered.

- iv For avoidance of doubt, candidates with **PASS** grade at any level of Degree, PGD, HND and OND do not qualify for admission to the PhD/ Master/PGD Programmes. No Diploma candidate with **CGPA** less than **2.50** qualifies for admission into the Master Degree Programmes.
- v Where examination is required as in the case of (ii) and (iii) above, an examination fee of N2000.00 will be charged outside the cost of Postgraduate application forms.
- vi. In all cases of admission the final decision on qualified candidates rests with the Postgraduate School Board. Candidates with Science-based background are normally considered.
- vii. All Master Degree Programmes require course work components in addition to research work components. There is no exemption. A Thesis must be defended and submitted for a student to qualify and graduate.

### **Postgraduate Diploma Programmes**

- i) A Third Class Honours Degree in relevant fields may be considered. Though this is not applicable to the Engineering schools (SEET and SIPET).
- ii) Candidates with HND with a minimum of Lower Credit, OND Lower Credit in relevant field with, at least a minimum of Lower Credit and one year graduation experience may be considered.

### **DURATION OF PROGRAMMES**

#### **PhD Programme**

A Minimum of Six Semesters (Three (3) Academic Sessions) and maximum of Ten Semesters (Five (5) Academic Sessions) for Full-time Students.

A Minimum of Ten Semesters (Five (5) Academic Sessions) and maximum of Fourteen Semesters (Seven (7) Academic Sessions) for Part-time Students respectively.

#### **Master Degree Programmes**

The Master Degree programmes are expected to last a minimum of Three Semesters for Full-time Students and there is no Part-time for Master's Degree programmes. The maximum allowable periods of studies shall be Six Semesters for Full-time, subject to maintaining a CGPA of 2.50 in every Semester. Failure to meet this requirement will result in withdrawal from the programme.

#### **Postgraduate Diploma Programmes**

Please note that any candidate with **PASS** grade at either **OND or HND** does not qualify for admission.

Generally, Full-time Students are expected to graduate normally after Three Semesters on successful completion of their programmes, subject to maintaining a minimum CGPA of 1.50 in any Semester.

## PhD/MTech/MEng/Masters and PGD Programmes

### 1. SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY

**‘O’Level Entry Requirement:** Candidates applying into any Department in the School of Agriculture and Agricultural Technology must have at least five ‘O’ Level Credits to include: English Language Mathematics, Biology /Agricultural Science, Chemistry and any one relevant Science subject, obtain in not more than two sittings.

#### a) Department of Agricultural Economics and Farm Management

**Ph.D** (Full-time and Part-time) and **MTech** (Full-time only) in Agricultural Economics:

##### Entry Requirements

- i) A Higher National Diploma (HND) in Agricultural Economics and or Farm Management from a recognized Institution with Overall aggregate of not less than Lower Credit (Minimum CGPA of 2.50).
- ii) A Bachelor Degree in Agriculture and Allied Discipline such as Veterinary Medicine, Biology, Botany and Zoology with a minimum of a Second Class (Lower Division) or its equivalent for unclassified Degrees.

#### b) Department of Agricultural Extension and Rural Development

**Ph.D** (Full-time and Part-time) and **MTech** (Full-time only) in Agricultural Extension and Rural Development:

**Postgraduate Diploma** in Agricultural Economics and Rural Development:

#### c) Department of Animal Production

**PhD** (Full-time and Part-time) in the following areas of specialization:

- i) Animal Nutrition (Monogastric & Ruminant Animal Nutrition)
- ii) Meat Science
- iii) Reproductive Physiology
- iv) Animal Breeding and Genetics

**MTech** (Full-time only) in Animal Production.

**Postgraduate Diploma** in Animal Production (Full-time only)

##### Entry Requirements for Departments of Animal Production

- i) A Higher National Diploma (HND) in Animal production from a recognized Institution with Overall aggregate of not less than Lower Credit (Minimum CGPA of 2.50).
- ii) A Bachelor Degree in Agriculture and Allied Discipline such as Veterinary Medicine, Biology, Botany and Zoology with a minimum of a Second Class (Lower Division) or its equivalent for unclassified Degrees.

#### **d) Department of Crop Production**

**PhD** (Full-time and part-time) in the following areas of specialization:

- i) Weed Science,
- ii) Horticulture,
- iii) Crop Breeding/Genetics
- iv) Post Harvest Technology
- v) Crop protection(Nematology&Virology)
- vi) Seed Technology
- vii) Crop Physiology

**MTech** (Full-time only) in the following areas of specialization:

- i) Agronomy
- ii) Crop Production
- iii) Crop Protection

**Postgraduate Diploma** in Crop Production (Full-time only)

#### **Entry Requirements for Departments of crop Production**

A Higher National Diploma (HND) in Agriculture from a recognized Institution with Overall aggregate of not less than Lower Credit (Minimum CGPA of 2.50).

#### **e) Department of Food Science and Technology**

**MTech** (Full-time only) in Food Science and Technology

#### **Entry Requirement:**

- (i) Five O'Level credits (WAEC/NECO/NABTEB) in English Language, Mathematics, Biology or Agricultural Science, Chemistry and Physics at not more than two sittings.
- (ii) PGD (Upper Credit or Distinction) in Food Science and Technology.
- (iii) First degree (B.Sc/BTech) in Food Science and Technology or Chemical Engineering, Chemistry, Biochemistry, Agricultural Engineering and related disciplines with a minimum of Second Class Lower Division.
- (iv) Candidates whose first degree is not Food Science and Technology are required to audit some Postgraduate Diploma Courses in the Department.

**Postgraduate Diploma** in Food Science and Technology (Full-time only)

#### **Entry Requirements:**

- (i) Same as for MTech above.
- (ii) Third class degree in Food Science and Technology or related field from a recognized University.
- (iii) Higher National Diploma (HND) in Food Science and Technology from a recognized Polytechnic or College of Technology with a minimum of Lower Credit.
- (iv) Certificate of National Service or Exemption letter

**f) Department of Soil Science and Land Management**

**PhD** (Full-time and Part-time) in the following areas of specialization:

- i) Pedology
- ii) Soil Fertility
- iii) Soil Physics
- iv) Soil Microbiology
- v) Soil Conservation and Water Management

**MTech** (Full-time only) in the Soil Science:

**g) Department of Water Resources, Aquaculture and Fisheries Technology**

**PhD** (Full-time and Part-time) in the following areas of specialization:

- i) Aquaculture/Fish Nutrition
- ii) Hydrobiology/Limnology
- iii) Fish Post Harvest Technology
- iv) Fish Genetics and Breeding
- v) Fish Biology
- vi) Fish Ecology
- vii) Fish Toxicology

**MTech** (Full-time only) in Water Resources, Aquaculture and Fisheries Technology

**Postgraduate Diploma** in Water Resources, Aquaculture and Fisheries Technology (Full-Time only)

**Entry Requirements:**

- i) A Higher National Diploma (HND) in Agriculture from a recognized Institution with overall aggregate of not less than Lower Credit (Minimum CGPA of 2.50).
- ii) A Bachelor Degree in Agriculture and Allied Discipline such as Vet, Medicine, Biology, Botany and Zoology with a minimum of a Second Class (Lower Division) or its equivalent for unclassified Degrees.

**2. SCHOOL OF ELECTRICAL ENGINEERING AND TECHNOLOGY**

**‘O’ Level Entry Requirement:** Candidates applying into any Department in the School of Electrical Engineering and Technology must have at least five ‘O’ Level Credits to including English, Mathematics, Physics, Chemistry and any one of the following: Biology/Agricultural Science, Technical Drawing, Geography or Economics or further maths in not more than two sittings.

**a) Department of Electrical/Electronic Engineering**

**PhD** (Full-time and Part-time) in Electrical/ Electronic Engineering (Power Systems option).

**Postgraduate Diploma** in Electrical/Electronic Engineering (Full-time only)

**Entry Requirements:**

- i) Higher National Diploma (HND) in in Electrical/Electronic Engineering from a recognised polytechnic or any recognised Institution with at least Lower Credit grade level

**b) Department of Computer Engineering**

**PhD** (Full-time) in Computer Engineering.

**c) Department of Telecommunication Engineering**

**Ph.D.** and **MEng** (Full-time only) in Communication Engineering.

**3. SCHOOL OF ENTREPRENEURSHIP AND MANAGEMENT TECHNOLOGY**

**‘O’ Level Entry Requirement:** Candidates applying into any Department in the School of Entrepreneurship and Management Technology must have at least five ‘O’ Level Credits including English Language, Mathematics, Economics and any two social science or science subjects obtained in not more than two sittings.

**a) Department Of Entrepreneurship and Business studies**

**PhD** (Full-Time and Part-Time) in the following areas:

- i) Nano Entrepreneurship
- ii) Agro Entrepreneurship
- iii) Techno Entrepreneurship
- iv) Social Entrepreneurship

**MTech** (Full-time only) in Entrepreneurship and Business studies

**Entry Requirement:**

Candidates for the Ph.D. programme in Entrepreneurship and Business Studies must possess:

- i. MTech/MSc in Entrepreneurship and Business Studies with specialization in Entrepreneurship, Management, Marketing, and Finance.

Candidates for the MTech programme in Entrepreneurship and Business Studies must possess:

- i. Bachelor’s degrees with minimum of Second Class Upper Division in relevant area such as Entrepreneurship, Business Administration, Marketing, Accounting, Finance, and Economics.
- ii. Higher National Diploma (HND) with minimum of Lower Credit in related fields from any recognized Polytechnic or institution. Such candidates must have PGD in Business Entrepreneurship or Administration from recognized institution.
- iii. Candidates with at least Second Class Upper Division in areas outside social sciences, but with PGDMT of this University or PGD in Entrepreneurship from other recognized institution may be considered.

**Postgraduate Diploma** in Management Technology PGDMT (Full-time only)

**Entry Requirement:**

- i. A graduate from Federal University of Technology Minna or any other approved university and holders of first degree in any field of study.
- ii. Holder of Higher National Diploma (HND) and professional qualifications such as ACCA, CIBN, etc

**Postgraduate Diploma** in Business Management Technology (Full-time only)

**Entry Requirement:**

- i. A graduate from Federal University of Technology Minna or any other approved university and holders of first degree in any field of study.
- ii. Holder of Higher National Diploma (HND) and professional qualifications such as ACCA, CIBN, etc

**b) Department of Project Management Technology**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in Project Management

**PhD Entry Requirement:**

- i) At least credit passes in five subjects including English Language, Mathematics, Physics, Economics, and any other Science or Social Science at O' level at not more than two sittings, and at least a pass in Chemistry or Biology
- ii) A Master degree in relevant discipline (such as Project Management, Economics, Operations Research, Statistics, Environmental Science, Science and Engineering fields) with a minimum score of 60% average, B grade, or 3.50 on a 5.00 scale.

**MTech Entry Requirement:**

The criteria for admission into MTech programme are as follow:

- i) Same as above.
- ii) Minimum of second class lower of a good bachelor's degree from the Federal University Technology, Minna or any other approved University in areas such as Project Management, Economics, Operations Research, Statistics, Environmental Science, Science and Engineering fields.

**Postgraduate Diploma** in Project Management Technology (Full-time only)

**Entry Requirement:**

- i) HND in Transport Management, Management Planning and Engineering field with minimum of Lower Credit from reorganized institutions.
- i) A candidate with at least 3<sup>rd</sup> Class Honours Degree from FUT Minna, or any other approved University in Environmental Science, Science, Social and Management and Engineering field.
- iii) Same as above..

**c) Department Of Transport Management Technology**

**General 'O' Level Requirements**

Five 'O' Level Credits in English Language, Mathematics, Geography, Economics and one Science Subject.

**PhD** (Full-time and Part-time) **MTech** (Full-time only) in Transport Management Technology

**PhD. Entry Requirement:**

Candidate with a Master Degree in the field of Transport Management Technology or other related fields such as Geography, Planning, Economics, Transportation Engineering, Logistics Management and other allied disciplines with a CGPA of 3.5 on a scale of 5.0 or its equivalent from FUTMINNA or any other approved university of equivalent standard.

**MTech Entry Requirement:**

- i) Candidates with a Bachelor Degree with a minimum of 2<sup>nd</sup> Class Lower Division in Transport Management Technology, Science Technology, Engineering, Economics, Geography, Urban and Regional Planning, Operations Research, Statistics and or Management Technology from FUTMINNA or any other recognized approved University.
- ii) A Bachelor's Degree with a minimum of 2<sup>nd</sup> Class Lower Division in other fields or a minimum of HND with Lower Credit in Transport Planning or Transport, plus a Postgraduate Diploma in Transport Management.

**Postgraduate Diploma** in Project Management Technology (Full-time only)

**Entry Requirement:**

The criteria for admission into PGD programme are as follows:

- i) Minimum of 3rd Class Honours degree from the Federal University Technology, Minna or any other approved University in fields such as Quantity Surveying, Project Management, Building, Engineering, Urban and Regional Planning, Estate Management, and as may be determined from time to time by the department board, in line with the UTME admission requirement.
- ii) Minimum of Lower Credit in HND from NBTE approved Institutions recognized by Federal University of Technology, Minna.

**4. SCHOOL OF ENVIRONMENTAL TECHNOLOGY**

**a) Department of Architecture**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in Architecture

**Specific Entry Requirement:**

BTech (Arch) Degree with a minimum of Second Class Lower Division from a **5-year Architecture programme**.

Minimum of five (5) 'O' Level Credits to include English Language, Mathematics, Physics and any two of the following: Chemistry, Technical Drawing, Economics, Geography, Building Construction, Fine Art and Surveying.

**Postgraduate Diploma** in Architecture (Full-time only)

**Entry Requirements:**

- i) Higher National Diploma (HND) with a minimum of Lower Credit in Architecture.
- ii) BTech or equivalent in Architecture from a recognized University with a minimum of Third Class.
- iii) Same as above.

**b) Department of Building**

**PhD** (Full-time and Part-time) in the following areas:

- i) Building Services
- ii) Construction Technology

**MTech** (Full-time only) in the following areas:

- i) Construction Management
- ii) Construction Technology



**PGD** (Full-time only) in Building

**O' Level Entry Requirement**

Minimum of five (5) 'O' Level Credits to include English Language, Mathematics, Physics, Chemistry and one of the following subjects: Economics, Geography, Technical Drawing, Biology/Agricultural Science

**c) Department of Estate Management and Valuation**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in Estate Management and Valuation

**O' Level Entry Requirement**

Minimum of five (5) 'O' Level Credits to include English Language, Mathematics, Economics and any two of the following: Chemistry, Technical Drawing, Geography, Surveying, Physics, and Agricultural Science/Biology.

**Postgraduate Diploma** in Estate Management (Full-Time only)

**Entry Requirements:**

- i) Higher National Diploma (HND) from a recognized Institution with a minimum overall aggregate of not less than a Lower Credit.
- ii) A Third Class Degree in Estate Management.
- iii) BTech/BSc Degree with not less than Second Class Lower division in related disciplines of the Federal University of Technology.
- iii) Same as above.

**d) Department of Quantity Surveying**

**PhD** (Full-time and Part time) and **MTech** (Full-time only) in Quantity Surveying.

**Specific Entry Requirement.**

Minimum of five (5) 'O' Level Credits including English Language, Mathematics, Physics and any two of the following: Chemistry, Technical Drawing, Economics, Geography, Surveying and Agricultural Science/Biology.

**Postgraduate Diploma** in Quantity Surveying (Full-Time only)

**e) Department of Urban and Regional Planning.**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in the following Options:

- i) Urban Governance and Poverty study
- ii) Housing and Urban Renewal
- iii) Environmental Impact Assessment.

**Entry Requirement:**

A minimum of five (5) 'O' Level Credits in English Language, Mathematics and Geography. The other two subjects must be from the following. (Physics, Chemistry, Agricultural Science/ Biology, Technical Drawing, Economics or Government).

**Ph.D**, candidates should have the following qualification: M.Tech of the Federal University of Technology or M. Sc from any recognised University in Urban and Regional Planning or related disciplines such as Estate Management, Architecture, Land Surveying, Quantity Surveying, Civil Engineering, Building, Environmental management and Planning and Geography with research thesis component and overall CGPA of 3.50.

For **MTech** Candidates must have the following:

- i. A candidate must have a Bachelor of Tech. degree not lower than Second Class (Lower) honours in Urban and Regional Planning from the Federal University of Technology, Minna or first degree (B.Sc. or B. Tech.) in any of the following areas, Urban and Regional Planning, Geography and Geography and Regional Planning.
- ii. Holders of postgraduate diploma in Urban and Regional Planning at a minimum of Upper Credit Level or holders of Postgraduate Diploma in Urban and Regional Planning with lower credit and one year post qualification experience may be admitted.

**Postgraduate Diploma** in Urban and Regional Planning (Full-Time only)

**Entry Requirements:**

Candidates seeking admission into the programme are expected to possess.

- i. Same as above.
- ii. First degree (B.Tech, B. URP or B.Sc.) in Urban and Regional Planning, Geography and Planning and Environmental Science with at least 3<sup>rd</sup> Class degree or HND with minimum of lower Credit in Town planning from recognized polytechnic and
- iii. NYSC/Certificate of exemption is required in all cases.

**f) Department of Surveying and Geoinformatics**

**PhD** (Full-time and Part-time and **MTech** (Full-time only) in Surveying and Geoinformatics

- i. The vacancy for PhD is in Geodesy specialization only and the candidate must have his/her master degree in Geodesy is more preferable.
- ii. MTech candidates with first Degree in Surveying and Geoinformatics or PGD in Surveying and Geoinformatics with first degree in allied field such as: Geography, Mathematics, Physics, Geophysics, Geology and Civil Engineering are to be considered.

**Entry Requirement**

Minimum of five (5) 'O' Level Credits to include English Language, Mathematics, Physics and any two of the following: Chemistry, Technical Drawing, Economics, Geography, Elementary Surveying, and Agricultural Science/Biology.

**5. SCHOOL OF LIFE SCIENCES.**

**a) Department of Biochemistry**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in Biochemistry:

- i) Nutrition
- ii) Toxicology
- iv) Natural Products/Drug Delivery
- v) Industrial Biochemistry/Biotechnology

**O' Level Entry Requirement**

Minimum of five (5) 'O' Level Credits in English Language, Mathematics, Biology, Chemistry and Physics.

**b) Department of Animal Biology**

**PhD** (Full-time and part-time) in the following areas of specialization:

- i) Applied Entomology
- ii) Applied Parasitology

- iii) Applied Hydrobiology
- iv) Ecology and Environmental Biology

**MTech** (Full-time only) in the following areas of specialization:

- i) Applied Hydrobiology
- ii) Applied Entomology
- iii) Applied Parasitology
- iv) Ecology and Environmental Biology

**c) Department of Plant Biology**

**PhD** (Full-time and Part-time) **MTech** (Full-time only) in the following areas of specialization:

- i) Botany (Applied Plant Genetics and Breeding)
- ii) Botany (Mycology )

**d) Department of Microbiology**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in the following areas of specialization:

- i) Food and Industrial Microbiology
- ii) Medical Microbiology
- iii) Environmental Microbiology and
- iv) Pharmaceutical Microbiology

**Entry Requirement Ph.D**

- i) Candidate must possess a minimum of 5 credits at ‘O’ Level in Mathematics, English, Chemistry, Biology and any other science subject with a minimum of pass in Physics.
- ii) Candidates with Master Degree in Microbiology of the Federal University of Technology, Minna or any other recognized University are eligible for admission.

Such Master degree candidates must have attained an average performance of “B” Grade or weighted average of 60% or a minimum CGPA of 3.50 in their Masters Degree programme.

**Entry Requirement MTech**

- i) ‘O’ Level requirement, same as above.
- ii) Applicants shall normally hold a first degree with a minimum of a second class lower of the Federal University of Technology, Minna or any other recognized University in Microbiology.
- iii) Candidates with third class degree of the Federal University of Technology, Minna or any other recognized University in Microbiology with three years post qualification experience may be admitted after obtaining a postgraduate diploma (PGD) in Microbiology.
- iv) Candidates with a minimum of Second Class (lower division) in Biochemistry, Food Science and related disciplines of the Federal university of Technology, Minna or any other recognized University may be admitted with Postgraduate Diploma in Microbiology with a minimum of Lower Credit (CGPA of 2.50). The eligibility of such candidates for admission shall be determined by the Postgraduate School Board in consultation with the Department.

**Postgraduate Diploma** in Microbiology (Full-time only)

### **Entry Requirement**

- i. A Higher National Diploma (HND) certificate in Biological Sciences (e.g Microbiology, Biochemistry, Botany, Zoology, Biology), Food Science and Technology, Nutrition and Dietetics etc from a recognized Institution with overall aggregate of not less than Lower Credit.
- ii. A Bachelor degree (B. Sc./B. Tech) in Biological Sciences, Food Sciences, Medical and Health related disciplines such as Biochemistry, Botany, Zoology, Biology, Food Science and Technology, Nutrition and Dietetics and Pharmacy with a minimum of Second Class Honour (Lower division).
- iii. B. Sc./B. Tech. degree with Third class in Microbiology
- iv. NYSC/Exemption certificate
- v. 'O' Level requirement, same as above

## **6. SCHOOL OF PHYSICAL SCIENCES**

### **a) Department of Chemistry**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in the following areas of specialization:

- i) Organic Chemistry
- ii) Analytical Chemistry
- iii) Natural Product Chemistry
- iv) Polymer Science and Technology

#### **O' Level Entry Requirement:**

Minimum of five (5) 'O' Level Credits in English Language, Mathematics, Physics, Chemistry, and Biology.

### **b) Department of Geography**

**PhD** (Full-time and Part-time) in the following Options:

- i) Geography
- ii) Applied Meteorology
- iii) Environmental Management
- iv) Applied Remote Sensing

#### **PhD Entry Requirement:**

Five (5) O'level credits in English, Mathematics, Geography and any other 2 from the following: Physics, Chemistry, Biology (or Agric. Science) and Economics are required in at most 2 sittings. The PhD candidates shall be expected to already have a Master degree from FUT, Minna, or any reputable university in the field of Geography, environmental or any relevant science programme, with a minimum CGPA of 3.50 or overall grade of 'B' or 60% weighted average.

**MTech** (Full-time only) in the following areas of specialization:

- i) Applied Meteorology
- ii) Environmental Management
- iii) Applied Remote Sensing

**MTech Entry Requirement:**

Five (5) O'Level credits in English, Mathematics, Geography, Physics and any other 1 from the following: Chemistry, Biology (or Agric. Science) and Economics are required in at most 2 sittings. A minimum of Second Class Lower or PGD with a minimum of Lower Credit from FUT, Minna or any recognised institution in a relevant field is required. Holders of Third Class degree in relevant fields are eligible to apply after 3 years post-graduation experience.

**c) Department of Geology**

**PhD** (Full-time and Part-time) in the following areas of specialization:

- i) Hydrogeology
- ii) Mineral Exploration
- iii) Biostratigraphy

**MTech** (Full-time only) in the following areas of specialization:

- i) Hydrogeology
- ii) Mineral Exploration
- iii) Biostratigraphy
- iv) Environmental Geology

**O' Level Entry Requirement**

Minimum of five (5) 'O' Level Credits in English Language, Mathematics, Biology/Chemistry and any other Science subject except Agricultural Science.

**d) Department of Mathematics**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in Applied Mathematics

**O' Level Entry Requirement:**

Minimum of five (5) 'O' Level Credits in English Language, Mathematics, Physics and any other two Science subjects.

**e) Department of Physics**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in the following areas of specialization:

- i) Applied Geophysics
- ii) Solid State Physics.
- iii) Applied Atmospheric Physics
- iv) Medical Physics
- v) Applied Nuclear Physics

**O' Level Entry Requirement**

Minimum of five (5) 'O' Level Credits in English Language, Mathematics, Physics, Chemistry and one other Science subject.

**f) Department of Statistics**

**PhD** (Full-time and Part-time) in Statistics

**Entry Requirement**

To be eligible for admission into PhD degree Programme the candidate must have obtained MSc or MTech Degree in Statistics from a recognized University. Candidates with a CGPA of 3.5 and above at first Degree, and at least five credit passes at O'level which must include Mathematics, English, and Physics with any two subjects from Biology, Economics, and Chemistry are eligible for PhD admission.

**MTech** (Full-time only) in Statistics

**Entry Requirement**

(a) Graduates of statistics from Federal University of Technology, Minna or any other recognized University with at least Second Class (Lower Division) may be admitted.

(b) Bachelor of Technology Degree (BTech) or Bachelor of Science Degree (BSc) in Mathematics, from a recognized institution with a minimum of second class upper.

(c) Graduates with Postgraduate Diploma in Statistics from Federal University of Technology, Minna or from any recognized University with a minimum of lower credit might be considered. A qualifying examination may be necessary.

In addition, all candidates must have five (5) credit passes at GCE/O Level or its equivalent including English Language and Mathematics, and (any three (3) from Physics, Chemistry, Geography, Further Mathematics, Biology, Computer Science, and Economics).

**Postgraduate Diploma** in Statistics (Full-time only)

**Entry Requirement:**

Candidates applying for admission into the programme must have any of the following:

(i) Bachelor of Science Degree in Statistics with Third Class from a recognized University

(ii) Bachelor of Science Degree in Science and Allied disciplines with a minimum of Second Class Lower from a recognized University.

(iii) Higher National Diploma in Statistics with minimum of lower credit

(iv) Any other qualification adjudged by Senate to be equivalent to a first degree

In addition, all candidates must have five (5) credit passes at GCE/O' Level or its equivalent including English Language and Mathematics, and (any three (3) from Physics, Chemistry, Geography, Further Mathematics, Biology, Computer Science, and Economics).

**7. SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION**

**a) Department of Industrial and Technology Education**

**Ph.D.** (Full-time and Part-time) and **MTech** (Full-time only) in the following areas of specialization:

- i) Automobile Technology Education
- ii) Building Technology Education
- iii) Electrical/Electronic Technology Education
- iv) Metal work Technology Education
- v) Woodwork Technology Education

### **‘O’ Level Entry Requirement**

Minimum of five (5) ‘O’ Level Credits in English Language, Mathematics, Physics and any two other Science subjects.

**Postgraduate Diploma** in Industrial and Technology Education (Full-time only)

#### **b) Department of Educational Technology**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in Educational Technology

### **‘O’ Level Entry Requirement**

Minimum of Five (5) ‘O’ Level credits in English Language, Mathematics, and three other Science subjects.

**Postgraduate Diploma** in Technology Education (Full-time only)

#### **Entry Requirements:**

Minimum of Third Class Bachelor’s Degree from a recognized Institution.

#### **c) Department of Science Education**

**PhD** (Full-time and Part-time)

- i) Chemistry Education
- ii) Mathematics Education
- iii) Physics Education

**MTech** (Full-time only) in the following areas of specialization:

- i) Biology Education
- ii) Chemistry Education
- iii) Mathematics Education
- vi) Physics Education

**Postgraduate Diploma** in Science Education (Full-time only)

### **‘O’ Level Entry Requirement**

Minimum of five (5) ‘O’ Level Credits in English Language, Mathematics, and three other Science subjects.

## **8. SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY**

#### **a) Department of Computer Science**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in Computer Science

**Postgraduate Diploma** in Computer Science (Full-time only)

#### **Entry Requirement:**

- i) BSc or BTech/BEng from any recognised Institution with a minimum of Third Class Degree.

- i) HND in Computer Science from a recognized institution with a minimum of Lower Credit.
- ii) Minimum of Five 'O' Level Credits to include English Language, Mathematics, Physics and any other two relevant Science Subjects.

**b) Department of Cyber Security Science**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in Cyber Security Science

**Postgraduate Diploma** in Cyber Security Science (Full-time only)

**'O' Level Entry Requirement:**

Minimum of Five (5) 'O' Level Credits in English Language, Mathematics, Physics and any other two Science subjects. Only graduates from ICT related discipline are legible to apply.

**c) Department of Library and Information Technology**

**PhD** (Full-time and Part-time) and **MTech** (Full-time only) in Library and Information Technology

**Entry Requirement:**

Admission into the Ph.D programme is open to candidates with the following qualifications:

- i. M.Tech Degree of FUT, Minna or any other recognized university in Library and Information Science with a minimum CGPA of 3.50 or 60% weighted Average.
- ii. Candidates should possess five (5) credits in O'Level subjects: NECO, WAEC, or NABTEB. This must include English Language and Mathematics, any three (3) other subjects from Geography, Economics, Biology/Agric Science, Government and Physics or Chemistry.

Admission into the Master of Technology Degree in Library and Information Technology is open to graduates of Library and Information Technology/Science of FUT, Minna and Library and Information Science of other recognized universities. Such graduates must have a minimum of:

- i. Second Class Lower Degree in Library and Information Science or Library and Information Technology.
- ii. Post Graduate Diploma in Library and Information Science/Technology
- iii. Candidates should possess Five (5) credits in O'Level subjects: NECO or WAEC. This must include English Language and Mathematics and any three (3) other subjects from Geography Economics, Biology/Agric Science, Government and Physics or Chemistry.

**Postgraduate Diploma** in Library and Information Technology (Full-time only)

**Entry Requirement**

- i. Candidates should possess Five (5) credits in O'Level subject: SSCE, NECO, WASCE these include English Language and Mathematics and any three (3) other subjects from Geography, Economics, Biology/Agric Science, Government and Physics or Chemistry.
- ii. The candidates should possess at least third class in B.Tech Library and Information Technology from Federal University of Technology, Minna or Bachelor of Library Science from any other recognized University.
- iii. First degree with a minimum of second class lower division in any discipline.
- iv. HND with minimum of lower Lower Credit in any discipline.



## 9. SCHOOL OF INFRASTRUCTURE, PROCESS ENGINEERING AND TECHNOLOGY

**‘O’ Level Entry Requirement:** At least five ‘O’ Level Credits to include English Language, Mathematics, Physics, Chemistry and any one of the following: Biology/Agricultural Science, Technical Drawing, Geography or Economics.

### a) Department of Agricultural and Bioresources Engineering

**Ph.D.** (Full-time and Part-time) in the following areas of specialization:

- i) Farm Power and Machinery
- ii) Agricultural Crop Processing and Storage
- iii) Soil and Water Engineering
- iv) Food Engineering

**MEng** (Full-time only) in the following area of specialization

- i) Farm Power and Machinery,
- ii) Agricultural Crop Processing and Storage
- iii) Soil and Water Engineering,
- iv) Food Engineering

For admission into any of the Postgraduate programme the candidate is required to meet up the following requirements:

- i. O level/SSCE qualification, 5 credits at GCE ‘O’ level or SSCE which must include Mathematics, Physics, Chemistry, English Language and Biology or Agricultural Science at not more than two sittings for all programmes.
- ii. NYSC Discharge Certificate or Exemption letter from NYSC Headquarters for all programmes.
- iii. A minimum of Upper Credit at HND Level or Third Class Degree from FUT, Minna or any recognized Institution with three years’ post-graduation experience in relevant field for candidates applying for Masters Degree Programme.
- iv. A minimum of Second Class Lower or PGD with a minimum of Upper Credit from FUT Minna or any recognized institution for candidate applying for Masters Degree Programme.
- v. CGPA of 3.5 or overall grade of ‘B’ or 60% weighted average at Masters Degree programme from FUT, Minna or any recognized Institution for candidates apply for PhD Programme.

**Postgraduate Diploma** in Agricultural and Bioresources Engineering (Full-time only)

- i. ‘O’ level same as above.
- ii. Candidates applying for this programme must have in their first degree a minimum of Third class and in the case of HND a minimum of upper credit in Agricultural Engineering of the Federal university of Technology, Minna or any other equivalent engineering qualifications from other recognized Universities and Polytechnics.
- ii. Applicants with HND with lower Credit will be offered admission on passing an entrance examination and/or oral interview.

### b) Department of Chemical Engineering

**PhD** (Full-time and Part-time) and **MEng** (Full-time only) in Chemical Engineering

### **Entry Requirements for PhD:**

- i) All candidates must have a minimum of five (5) credits at G.C.E., 'O' level or SSCE or NECO which must include Mathematics, English, Chemistry, Physics and any other science subject at not more than two sittings.  
Recognized Polytechnic or any recognized Institution with at least Lower Credit grade.
- ii) Candidates for admission to PhD shall be Masters degree graduates of Federal University of Technology, Minna or of any other Universities. Such Master degree candidates must have attained an average performance of "B" Grade or weighted average of 60% or a minimum CGPA of 3.50.
- iii) Qualification to proceed to PhD Programme in Chemical Engineering. A Master degree wishing to proceed to PhD degree must secure an overall minimum CGPA of 3.5 in his or her coursework programmes. A minimum grade of B is required for core course while electives require a minimum grade of C.

### **Entry Requirements for MEng:**

- i) 'O' Level requirement same as above.
- ii) All candidates must normally have at least a Second-Class lower Degree in Chemical Engineering from Federal University of Technology, Minna or any other recognized University.
- iii) Candidates with recognized Postgraduate Diploma (PGD) with a minimum of Lower Credit (CGPA of 2.5) in relevant field with, at least one year of post qualification experience may be considered after passing a qualifying examination.
- iv) Candidate with Postgraduate Diploma (PGD) in relevant fields with a CGPA of 3.5 and above (UC) may be considered. Candidates with PGD qualification having CGPA below 3.5 may be considered on individual basis and after passing a qualifying examination.
- v) For avoidance of doubt, candidates with PASS grade in first degree, HND or postgraduate diploma are not qualified for admission

### **Postgraduate Diploma in Chemical Engineering (Full-time only)**

#### **Entry Requirements for PhD:**

- i) 'O' level requirement same as above.
- ii) Higher National Diploma (HND) in Chemical Engineering from a recognized Polytechnic or any recognize institution with at least lower grade level.
- iii) Higher National Diploma (HND) in Minning Engineering, Polymer Engineering and other related field from any recognized institution.
- iv) Degree or HND in Chemistry
- v) B.Sc or B.Eng. with third class or pass in Chemical Engineering.
- vi) All candidates must have N.Y.S.C. discharge certificate or exemption.

#### **b) Department of Civil Engineering**

#### **PhD (Full-time and Part-time) and MEng (Full-time only) in the following areas of Specialization:**

- i) Structural Engineering
- ii) Geotechnical Engineering
- iii) Water Resources and Environmental Engineering

#### **Entry Requirements for PhD programme**

For admission into PhD programme of the Department, candidates are required to meet up with the following requirements:

- i. A minimum of five (5) O' Level Credits or SSCE equivalent, which must include English

- Language, Mathematics, Physics, Chemistry and any other science subject (e.g. Further Mathematics, Geography, Technical Drawing, Building Technology, Biology or Agricultural Science) at not more than two sittings.
- ii. NYSC Discharge Certificate or Exemption letter from NYSC Headquarters for all Programmes.
- iii. CGPA of 3.5 or overall grade of 'B' or 60% weighted average at Masters Degree programme from FUT Minna or any recognised University.

### **Entry Requirements for MEng Civil Engineering**

For admission into MEng programme of the Department, candidates are required to meet up with the following requirements:

- i. O' Level same as above at not more than two sittings.
- ii. NYSC Discharge Certificate or Exemption letter from NYSC Headquarters.
- iii. A Minimum of Lower Credit at HND Level or Third Class Degree from FUT, Minna or any recognized Institution.
- iv. A minimum of Second Class Lower or PGD with a minimum of Upper Credit from FUT Minna or any recognised Institution for candidates applying for Masters Degree programme.
- v. CGPA of 3.5 or overall grade of 'B' or 60% weighted average at Masters Degree programme from FUT Minna or any recognised University for candidates applying for PhD programme.

### **Postgraduate Diploma in Civil Engineering (Full-time only)**

#### **Entry Requirements for PGD (Civil Engineering)**

For admission into PGD programme of the Department, candidates are required to meet up with the following requirements:

- i. O' Level same as above at not more than two sittings.
- ii. NYSC Discharge Certificate or Exemption letter from NYSC Headquarters.
- iii. Higher National Diploma (HND) in Civil Engineering with at least lower credit.
- iv. BSc., BEng., or BTech. Degree in Civil Engineering with at least third class (Hons) or pass.
- v. Higher National Diploma (HND) in water resources engineering with at least a Lower Credit.
- vi. BSc or BEng in Water Resources Engineering with at least a third class (Hons) degree.

### **c) Department of Mechanical Engineering**

**PhD** (Full-time and Part-time) and **MEng** (Full-time only) in the following areas of Specialization:

- i) Industrial and Production Engineering
- ii) Materials and Metallurgy Engineering
- iii) Design and Solid Mechanics Engineering
- iv) Thermofluids and Power Plant Engineering

### **Postgraduate Diploma in Mechanical Engineering (Full-time only)**

#### **Entry Requirements:**

- ii) Higher National Diploma (HND) with a minimum of Lower Credit in Mechanical Engineering.
- ii) BEng or equivalent in Mechanical Engineering from a recognized University with a minimum of Third Class.
- iii) Minimum of five (5) 'O' Level Credits WAEC, NECO, GCE or NABTEB which must include English Language, Mathematics, Physics and Chemistry with any other Science/Social Science subject

## 10. CENTRE FOR DISASTER RISK MANAGEMENT & DEVELOPMENT STUDIES

- a) **Professional Master** in Disaster Risk Management and Development Studies (Full-time only).

### Entry Requirements:

- i. Five 'O' Level credit passes in English, Mathematics and any of Geography, Biology and Chemistry plus any other two relevant subjects.
- ii. Minimum of Second Class (Lower Division) Bachelor's Degree in Sciences, Social Sciences, Medicine, Agriculture, Environmental Sciences, Engineering, Urban Planning etc. from recognized Institutions.
- iii. Third class Degree holders who are employees of disaster related fields with five years cognate experience without PGD may be considered for admission, while others third class Degree holders will require Postgraduate Diploma in any of the areas listed above and at least 3 years of working experience in relevant fields **may be considered**.
- iv. Evidence of National Youth Service (NYSC discharged certificate or exemption letter.

- b) **Professional Postgraduate Diploma** in Disaster Risk Management and Development Studies (Full-time only)

### Entry Requirements:

- i. Five 'O' Level credit passes including English and Mathematics and any of Geography, Biology and Chemistry plus any other two relevant subjects.
- ii. Minimum of Third Class Bachelor's Degree in Sciences, Social Sciences, Medicine, Agriculture, Forestry, Environmental Sciences, Engineering, Town Planning etc. from recognized Institutions.
- iii. Minimum of Lower Credit pass in Higher National Diploma (HND) with at least 3 years of working experience in relevant fields.
- iv. Evidence of National Youth Service (NYSC) discharged certificate or exemption letter.

- c) **Professional postgraduate Diploma** in Climate Change and Mitigation and Adaptation (Full-time only)

### Entry Requirements:

- i. Five O' Level credit passes in Mathematics and English as compulsory and any three of the following: Geography, Biology, Agricultural Science, Physics, Chemistry and Economics at not more than two sittings.
- ii. Minimum of HND Lower Credit, B.Sc. Third class (Hon), in any discipline related to the environment from the Federal University of Technology, Minna or any other Institution recognized by the Federal University of Technology, Minna. Priority will be given to Geography and sub-disciplines emanating from Geography; Agriculture related disciplines (Animal Production, Crop production, Fisheries and Aquaculture, Agricultural Extension, Food science and Technology etc.), Urban and Regional Planning, Building, Quantity Surveying, Geoinformatics and Architecture.
- iii. NYSC Certificate/exemption certificate.

## 11. CENTRE FOR HUMAN SETTLEMENTS AND URBAN DEVELOPMENT.

- a) **Professional Master** in Sustainable Urban Development (Full-time only)
- b) **Professional Master** in Urban Ecology (Full-time only)

### Entry Requirements:

- (i) First Degree with a minimum of Second Class Lower in any discipline in Environmental Sciences, Science, Social Science, Agriculture or Engineering; or
  - (ii) A Postgraduate Diploma in any relevant field for holders of Higher National Diploma with a minimum of Lower Credit.
  - (iii) In Addition to (i) and (ii) above, a minimum of five (5) 'O' Level Credits in English Language, Mathematics and any other three subjects in either Physics, Chemistry, Geography, Biology/Agricultural Science or Economics at not more than two (2) sittings.
- c) **Postgraduate Diploma** in Sustainable Urban Development (Full-time only).
  - d) **Postgraduate Diploma** in Local Economic Development (Full-time only).
- i) A Minimum of HND at Lower Credit in any related discipline or First Degree with a minimum of Third Class from Environmental/Social Sciences and Engineering background.
  - ii) Minimum of five (5) 'O' Level Credits including English Language, Mathematics plus any other relevant subjects.

### METHOD OF APPLICATION

1. All applications for Postgraduate programmes are online through the University website; [www.futminna.edu.ng](http://www.futminna.edu.ng)
2. Application forms will be accessible as from **24<sup>th</sup> June, 2019**.
3. All requested information on the online application form must be correctly, and accurately provided with current and active email addresses and phone numbers.
4. Completed application forms must be submitted online through the University portal latest on **23<sup>rd</sup> August, 2019**. All necessary instructions on filling of the form must be adhered to otherwise it is sufficient ground to disqualify an applicant.
5. Completed application forms must be printed out as they would be requested for during registration, on successful admission.
6. All MTech/MEng and PhD candidates must forward official transcript of their previous degrees or PGD to;  
**The Secretary,  
Postgraduate School,  
Federal University of Technology,  
Minna, Niger State.**  
Official transcripts could also be sent through our e-mail ([pgs@futminna.edu.ng](mailto:pgs@futminna.edu.ng))  
In addition, PhD candidates must upload their research proposals in line with their interest along with their applications before the processing of admission.
7. It is the responsibility of each candidate to ensure that the online referee reports are duly filled and submitted by the respective referees before the closing date. (Minimum of two (2) referees must be submitted on line).

8. All certificates must be uploaded in their original form and in colour.

### **APPLICATION FORMS**

University charges an application fee of Fifteen thousand naira ₦15, 000.00 plus, Two hundred and fifty naira ₦250.00 Remita charge making a total of ₦15, 250.00 naira payable online via the Remita platform with the use of Master or Verve card through the School portal.

### **PAYMENT OF FEES AND THE PROCEDURES**

All successful applicants offered provisional admission must pay non-refundable acceptance fee of ₦25, 000 only and later undergo the following registration formalities: screening of original credentials at Postgraduate School and payment of School fees and registration at Departments/Centres. This shall be completed within a stipulated date, beyond which the candidate loses the admission.

**Signed.**



**Alh. M. Babajiya**  
**Secretary, Postgraduate School**