

FUTO AVAILABLE POSTGRADUATE PROGRAMMES

1.0 SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY (SAAT)

1.1 DEPARTMENT OF AGRICULTURAL ECONOMICS

Professional M.Sc, M.Sc and Ph.D Degrees in Agricultural Economics with specialization in:

- i) Agribusiness Management
- ii) Agricultural Finance
- iii) Agricultural Project Management
- iv) Agricultural Marketing
- v) Resources and Environmental Economics
- vi) Farm Management and Production Economics
- ii) Agricultural Policy and Development

PGD in Agricultural Economics

1.2 DEPARTMENT OF AGRICULTURAL EXTENSION

M.Sc and Ph.D Degrees in Agricultural Extension with specialization in:

- i) Agricultural Extension Administration
- ii) Programme Planning and Evaluation
- iii) Rural Sociology
- iv) Agricultural Extension Communication
- v) Community and Rural Development
- vi) Indigenous Knowledge Systems in Agricultural and Rural Development

PGD in Agricultural Extension

1.3 DEPARTMENT OF ANIMAL SCIENCE AND TECHNOLOGY

M.Sc and Ph.D Degrees in Animal Science and Technology with specialization in:

- i) Animal Breeding and Genetics
- ii) Animal Management
- iii) Animal Nutrition
- iv) Animal Product
- v) Reproductive Physiology

PGD in Animal Science and Technology

1.4 DEPARTMENT OF CROP SCIENCE AND TECHNOLOGY

M.Sc and Ph.D Degrees in Crop Science and Technology with specialization in:

- i) Agronomy
- ii) Seed Technology
- iii) Plant Breeding and Genetics
- iv) Farming Systems
- v) Crop Physiology
- vi) Horticulture and Landscaping
- vii) Crop Protection with options in the following:
 - Mycology
 - Nematology
 - Weed Science
 - Agricultural Entomology
 - Bacteriology
 - Virology

PGD in Crop Science and Technology

1.5 DEPARTMENT OF SOIL SCIENCE AND TECHNOLOGY

M.Sc. and Ph.D. Degrees in Soil Science and Technology with specialization in:

Areas of Specialization

- i) Soil and Environmental Management
- ii) Soil Survey and Land-use Planning
- iii) Soil Chemistry and Mineralogy
- iv) Soil Fertility
- v) Soil Microbiology and Biochemistry
- vi) Soil Physics/Soil Conservation
- vii) Soil Genesis and Classification

PGD in Soil Science and Technology with specialization in

- i) Soil Environmental Management
- ii) Soil Survey and Land Use Planning
- iii) Soil Science

1.6 DEPARTMENT OF FISHERIES AND AQUACULTURE TECHNOLOGY

PGD, M.Sc, Ph.D in Fisheries and Aquaculture

2.0 SCHOOL OF ENGINEERING AND ENGINEERING TECHNOLOGY (SEET)

2.1 DEPARTMENT OF AGRICULTURAL ENGINEERING

M.Eng and Ph.D. Degrees in Agricultural Engineering with specialization in:

- i) Farm Power and Machinery Engineering Technology
- ii) Soil and Water Engineering Technology

PGD in Agricultural Engineering (**Note: only candidates with first degree are qualified for PGD in Agricultural Engineering**)

2.2 DEPARTMENT OF CHEMICAL ENGINEERING

Ph.D. Degrees in Chemical Engineering with options in:

- i) Chemical Reaction Engineering
- ii) Process Plant Design
- iii) Refinery/Gas Engineering
- iv) Separation Processes
- v) Simulation and Optimization
- vi) Systems Dynamics and Control
- vii) Chemical Engineering Thermodynamics

M.Eng. in Chemical Engineering

PGD in Chemical Engineering

2.3 DEPARTMENT OF CIVIL ENGINEERING

M.Eng. and Ph.D. Degrees in Civil Engineering with specialization in:

- i) Water Resources Engineering
- ii) Structural Engineering

PGD in Civil Engineering

2.4 DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

M.Sc. and Ph.D. Degrees in Electrical and Electronic Engineering with specialization in:

- i) Power System Engineering
- ii) Communication Engineering
- iii) Control Engineering
- iv) Electronic and Computer Engineering

PGD in Electrical and Electronic Engineering

2.5 DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

M.Sc. and Ph.D. Degrees in Food Science and Technology with specialization in:

- i) Food Microbiology
- ii) Food Chemistry and Nutrition
- iii) Beverage and Brewing Technology
- iv) Food Processing Technology

PGD in Food Science and Technology

2.6 DEPARTMENT OF MATERIALS AND METALLURGICAL ENGINEERING

M.Eng. and Ph.D. Degrees in Materials and Metallurgical Engineering with specialization in:

- i) Materials Engineering
- ii) Metallurgical Engineering

2.7 DEPARTMENT OF MECHANICAL ENGINEERING

M.Eng. and Ph.D. Degrees in Mechanical Engineering with specialization in:

- i) Industrial Production Engineering
- ii) Energy and Power Engineering
- iii) Automated Design and Manufacturing

2.8 DEPARTMENT OF PETROLEUM ENGINEERING

M.Eng. and Ph.D. Degrees in Petroleum Engineering with specialization in:

- i) Reservoir Engineering
- ii) Production Engineering
- iii) Drilling Engineering
- iv) Natural Gas Engineering
- v) Petroleum Economics

PGD in Petroleum Engineering

2.9 DEPARTMENT OF POLYMER AND TEXTILE ENGINEERING

M.Sc. and Ph.D. Degrees in Polymer and Textile Engineering with specialization in:

- i) M.Sc. in Polymer Science and Engineering
- ii) M.Sc. in Textile Science and Engineering
- iii) Ph.D. in Polymer Science
- iii) Ph.D. in Textile Science

3.0 SCHOOL OF MANAGEMENT TECHNOLOGY (SMAT)

3.1 DEPARTMENT OF PROJECT MANAGEMENT TECHNOLOGY

Ph.D, M.Sc. and MBA in Project Management Technology with specialization in:

- i) Construction Technology
- ii) Manufacturing Systems
- iii) Industrial Process Technology

PGD with specialization in:

- i) Construction Technology
- ii) Manufacturing Systems

3.2 DEPARTMENT OF MANAGEMENT TECHNOLOGY

PGD, MBA, M.Sc. and Ph.D. Degrees in:

- i) Financial Management Technology
- ii) Management Technology

3.3 DEPARTMENT OF TRANSPORT MANAGEMENT TECHNOLOGY

MBA, M.Sc. and Ph.D. Degrees in:

Transport Management Technology with specialization in:

- i) Aviation Management

- ii) Transport Planning and Management
- iii) Maritime Management Technology

MBA options:

- i) Sea Transport Management
- ii) Air Transport Management
- iii) Transport Management
- iv) Logistics Management

PGD in Transport Management Technology

3.4 DEPARTMENT OF MARITIME MANAGEMENT TECHNOLOGY

MBA, M.Sc and Ph.D. Degrees in Maritime Management Technology

M.Sc. options:

- i) Marine Transport Management
- ii) Maritime Economics and Finance

PGD in Maritime Management Technology

3.5 DEPARTMENT OF INFORMATION MANAGEMENT TECHNOLOGY

PGD, MBA, M.Sc and Ph.D. Degrees in Information Management Technology with specialization in:

4.0 SCHOOL OF ENVIRONMENTAL TECHNOLOGY (SOET)

4.1 DEPARTMENT OF ENVIRONMENTAL TECHNOLOGY

M.Sc. and Ph.D. Degrees Environmental Technology with specialization in:

- i) Pollution Control Technology
- ii) Flood and Erosion Control Technology
- iii) Geo-Environmental Technology

PGD in Environmental Technology

5.0 SCHOOL OF SCIENCE (SOSC)

5.1 DEPARTMENT OF BIOCHEMISTRY

M.Sc. and Ph.D. Degrees in Biochemistry with specialization in:

- i) Industrial Biochemistry
- ii) Environmental Biochemistry
- iii) Medical Biochemistry
- iv) Pharmacology Biochemistry
- v) Nutrition and Toxicological Biochemistry

PGD in Biochemistry

5.2 DEPARTMENT OF BIOTECHNOLOGY

M.Sc. and Ph.D. Degrees in Biotechnology with specialization in:

- i) Biotechnology
- ii) Environmental Health Biology

5.3 DEPARTMENT OF CHEMISTRY

M.Sc. and Ph.D. Degrees in Chemistry with specialization in:

- i) Chemical Quality Control and Industrial Safety
- ii) Analytical Chemistry
- iii) Mineral Processing
- iv) Organic Chemistry
- vi) Physical Chemistry
- vii) Environmental Chemistry

PGD with specialization in:

- i) Environmental Chemistry
- ii) Chemical Quality Control and Industrial Safety

5.4 DEPARTMENT OF COMPUTER SCIENCE

PGD, M.Sc. and Ph.D. Degrees in Computer Science:

5.5 DEPARTMENT OF GEOSCIENCES

M.Sc. and Ph.D. Degrees in Geosciences with specialization in:

- i) Geophysics
- ii) Petroleum Geology/Sedimentology
- iii) Hydrogeology
- iv) Environmental Geology

PGD Geosciences

5.6 DEPARTMENT OF MATHEMATICS

M.Sc. and Ph.D. Degrees in Mathematics with specialization in:

- i) Industrial and Applied Mathematics
- ii) Differential Equations
- iii) Control Theory
- iv) Elasticity
- v) Semi-Group Theory

5.7 DEPARTMENT OF STATISTICS

M.Sc. and Ph.D. Degrees in Mathematics with specialization in:

- i) Time Series Analysis
- ii) Econometrics
- iii) Probability Theory
- iv) Multivariate Analysis
- v) Demography
- vi) Sampling theory

5.8 DEPARTMENT OF MICROBIOLOGY

M.Sc. and Ph.D. Degrees in Microbiology with specialization in:

- i) Food/Industrial Microbiology
- ii) Medical Microbiology
- iii) Environmental Microbiology

PGD in Microbiology

5.9 DEPARTMENT OF PHYSICS

M.Sc. and Ph.D. Degrees in Physics with specialization in:

- i) Solid State Physics
- ii) Materials Science
- iii) Solar Energy Physics
- iv) Space Physics

PGD in Physics

6.0 SCHOOL OF HEALTH TECHNOLOGY (SOHT)


6.1 DEPARTMENT OF PUBLIC HEALTH TECHNOLOGY

Ph.D in Public Health Technology with specialization:

- i) Environmental Health and Safety
- ii) Epidemiology and Biostatistics
- iii) Disease Control Technology
- iv) Health Promotion and Wellness
- v) Health Economics

M.Sc in Public Health (MPH) with specialization in:

- i) Environmental Health and Safety
- ii) Epidemiology and Biostatistics
- iii) Disease Control Technology
- iv) Health Promotion and Wellness
- v) Health Economics

 PGD in Public Health Technology (PGDPHT)

6.2 DEPARTMENT OF BIOMEDICAL TECHNOLOGY

M.Sc. Degree in Physiokinetics and Biomedical Technology with specialization in:

- i) Medical Electronics and Instrumentation
- ii) Clinical Engineering
- iii) Rehabilitation Engineering

7.0 CENTRE FOR WOMEN, GENDER AND DEVELOPMENT STUDIES (CWGDS)

PGD with specialization in:

- (i) Women and Gender Studies
- (ii) Gender and Entrepreneurship
- (iii) Gender and Global Health
- (iv) Gender and Agricultural Technology

2) M.Sc Degree Programme

- (i) Gender and Development Studies
- (ii) Gender and Science
- (iii) Gender and Technology
- (iv) Gender and Agricultural Technology
- (v) Gender and Global Health
- (vi) Gender and Entrepreneurship

H. PROGRAMMES AVAILABLE AT THE CENTRE FOR CONTINUING EDUCATION (CCE).

SCHOOL OF MANAGEMENT TECHNOLOGY (SMAT)

1. DEPARTMENT OF PROJECT MANAGEMENT TECHNOLOGY (MBA, PGD)

Areas of Specialization

- i) Project Management Technology

2. DEPARTMENT OF MANAGEMENT TECHNOLOGY (MBA, PGD)

Areas of Specialization

- i) Financial Management Technology
- ii) Management Technology

3. DEPARTMENT OF INFORMATION MANAGEMENT TECHNOLOGY (MBA, PGD)

Areas of Specialization

- ⌘③ Information Management Technology

4. DEPARTMENT OF TRANSPORT MANAGEMENT TECHNOLOGY (MBA, PGD)

Areas of Specialization

- i) Land Transport Management
- ii) Transport Economics and Planning (MBA only)
- 1) Air Transport Management
- 11) Water Transport Management