

FUTA Postgraduate Courses



1.0 SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY (SAAT)

1.1 DEPARTMENT OF AGRICULTURAL ECONOMICS

- a) M.Sc. and Ph.D Degrees in Agricultural Economics with specialization in:
- i) Farm Management and Production Economics
 - ii) Agricultural Development and Policy
 - iii) Agricultural Marketing and Cooperatives
 - iv) Agricultural Finance
 - v) Agricultural Project Planning and Analysis
 - vi) Agricultural Resources and Environmental Economics

b) PGD in Agricultural Economics

1.2 DEPARTMENT OF AGRICULTURAL EXTENSION

- a) 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

b) PGD in Agricultural Extension

1.3 DEPARTMENT OF ANIMAL SCIENCE AND TECHNOLOGY

a) 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 Products
- v) Reproductive Physiology

b) PGD in Animal Science and Technology

1.4 DEPARTMENT OF CROP SCIENCE AND TECHNOLOGY

a) 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

b) PGD in Crop Science and Technology

1.5 DEPARTMENT OF SOIL SCIENCE AND TECHNOLOGY

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

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

b) PGD in Soil Science and Technology

1.6 DEPARTMENT OF FISHERIES AND AQUACULTURE TECHNOLOGY

a) M.Sc and Ph.D. in Fisheries and Aquaculture

b) PGD in Fisheries and Aquaculture

2.0 SCHOOL OF ENGINEERING AND ENGINEERING TECHNOLOGY (SEET)

2.1 DEPARTMENT OF AGRICULTURAL and BIO-RESOURCES ENGINEERING

- a) 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
- b) PGD in Agricultural Engineering (**Note: Only candidates with 3rd class are qualified for PGD in Agricultural Engineering**)

2.2 DEPARTMENT OF CHEMICAL ENGINEERING

- a) Ph.D Degree 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
- b) M.Eng. in Chemical Engineering
- c) PGD in Chemical Engineering

2.3 DEPARTMENT OF CIVIL ENGINEERING

- a) M.Eng. and Ph.D Degrees in Civil Engineering with specialization in:
 - i) Water Resources Engineering
 - ii) Structural Engineering
 - iii) Public Health Engineering
- b) PGD in Civil Engineering

2.4 DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

- a) 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) Computer Engineering
 - v) Electronic Engineering
- b) PGD in Electrical and Electronic Engineering

2.5 DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

- a) M.Sc. and Ph.D Degrees in Food Science and Technology with specialization in:
 - i) Food Microbiology
 - ii) Food Chemistry and Nutrition
 - iv) Beverage and Brewing Technology
 - v) Food Processing Technology
- b) 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

- a) 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
- b) PGD in Petroleum Engineering

2.9 DEPARTMENT OF POLYMER AND TEXTILE ENGINEERING

- a) Ph.D Degrees in Polymer and Textile Engineering with specialization in:
 - i) Polymer Science
 - ii) Textile Science
- b) M.Sc. Degrees in Polymer and Textile Engineering with specialization in:
 - i) Polymer Science and Engineering
 - ii) Textile Science and Engineering

- 3.0 SCHOOL OF MANAGEMENT TECHNOLOGY (SMAT)**
- 3.1 DEPARTMENT OF FINANCIAL MANAGEMENT TECHNOLOGY**
 - a) Ph.D, M.Sc. and MBA in Financial Management Technology
 - b) PGD in Financial Management Technology
- 3.2 DEPARTMENT OF MANAGEMENT TECHNOLOGY**
 - a) MBA, M.Sc. and Ph.D Degrees with specialization in Management Technology
 - b) PGD in Management Technology
- 3.3 DEPARTMENT OF INFORMATION MANAGEMENT TECHNOLOGY**
 - PGD, M.Sc. and Ph.D Degrees in Information Management Technology
- 3.4 DEPARTMENT OF MARITIME MANAGEMENT TECHNOLOGY**
 - a) MBA and Ph.D Degrees in Maritime Management Technology
 - b) M.Sc. Degree with specialization in:
 - i) Maritime Economics and Finance
 - ii) Marine Transport Management
 - c) PGD in Maritime Management Technology
- 3.5 DEPARTMENT OF PROJECT MANAGEMENT TECHNOLOGY**
 - a) Ph.D, M.Sc. and MBA in Project Management Technology
 - b) PGD in Project Management Technology
- 3.6 DEPARTMENT OF TRANSPORT MANAGEMENT TECHNOLOGY**
 - a) M.Sc. and Ph.D Degrees with specialization in:
 - i) Aviation Management
 - ii) Transport Planning and Management
 - iii) Maritime Management Technology
 - b) MBA with specialization in:
 - i) Sea Transport Management
 - ii) Air Transport Management
 - iii) Transport Management
 - iv) Logistics Management
 - c) PGD in Transport Management Technology

4.0 SCHOOL OF ENVIRONMENTAL SCIENCES (SOES)

4.1 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

- a) M.Sc. and Ph.D Degrees in Environmental Management with specialization in:
 - i) Pollution Control Technology
 - ii) Flood and Erosion Control Technology
 - iii) Geo-Environmental Technology
- b) PGD in Environmental Management

5.0 SCHOOL OF BIOLOGICAL SCIENCES (SOBS)

5.1 DEPARTMENT OF BIOLOGY

- a) M.Sc and Ph.D degrees in Biology Science with specialization in
 - i) Applied Entomology and Parasitology
 - ii) Environmental Conservation and Management
 - iii) Mycology and Plant Pathology
- b) PGD in Biological Science

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 MICROBIOLOGY

- a) M.Sc. and Ph.D Degrees in Microbiology with specialization in:
 - i) Food/Industrial Microbiology
 - ii) Medical Microbiology
 - iii) Environmental Microbiology
- b) PGD in Microbiology

5.4 DEPARTMENT OF BIOCHEMISTRY

- a) 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
- b) PGD in Biochemistry

6.0 SCHOOL OF PHYSICAL SCIENCES (SOPS)

6.1 DEPARTMENT OF CHEMISTRY

a) 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) Inorganic Chemistry
- viii) Environmental Chemistry

b) PGD in Chemistry

6.2 DEPARTMENT OF COMPUTER SCIENCE

M.Sc. and Ph.D Degrees in Computer Science.

6.3 DEPARTMENT OF GEOSCIENCES

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

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

b) PGD in Geosciences

6.4 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

6.5 DEPARTMENT OF STATISTICS

a) M. Sc. and Ph.D Degrees with specialization in:

- i) Time Series Analysis
- ii) Econometrics
- iii) Probability Theory
- iv) Multivariate Analysis
- v) Demography
- vi) Sampling Theory
- vii) Statistical Inference
- viii) Stochastic Process

b) PGD in Statistics

6.5 DEPARTMENT OF PHYSICS

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

- i) Solid State Physics
- ii) Materials Science
- i) Solar Energy Physics
- ii) Space Physics
- iii) Radiation and Health Physics

7.0 SCHOOL OF HEALTH TECHNOLOGY (SOHT)

7.1 DEPARTMENT OF BIOMEDICAL TECHNOLOGY

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

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

7.2 DEPARTMENT OF PUBLIC HEALTH

a) MPH and Ph.D in Public Health with specialization in:

- i) Disease Control
- ii) Environmental Health and Safety
- iii) Epidemiology and Biostatistics
- iv) Health Promotion

b) PGD in Public Health

7.3 DEPARTMENT OF OPTOMETRY

M.Sc in Optometry with specialization in:

- i) Clinical Optometry
- ii) Vision Science
- iii) Ocular Health

G. POSTGRADUATE (WEEKEND PROGRAMME)

SCHOOL OF MANAGEMENT TECHNOLOGY (SMAT)

1. **DEPARTMENT OF FINANCIAL MANAGEMENT TECHNOLOGY**
MBA and PGD in Financial Management Technology
2. **DEPARTMENT OF INFORMATION MANAGEMENT TECHNOLOGY**
PGD in Information Management Technology
3. **DEPARTMENT OF MANAGEMENT TECHNOLOGY**
MBA and PGD in Management Technology
4. **DEPARTMENT OF MARITIME MANAGEMENT TECHNOLOGY**
MBA and PGD in Maritime Management Technology
5. **DEPARTMENT OF PROJECT MANAGEMENT TECHNOLOGY**
MBA and PGD in Project Management Technology
6. **DEPARTMENT OF TRANSPORT MANAGEMENT TECHNOLOGY**
MBA and PGD in Transport Management Technology

H. INSTITUTE OF WOMEN, GENDER AND DEVELOPMENT STUDIES (IWOGDS)

a) M.Sc Degree with specialization in:

- 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

b) PGD with specialization in:

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

I. INSTITUTE FOR EROSION STUDIES (IES)

M.Sc and Ph.D Degrees in Erosion Studies with specialization in:

- i) Integrated Watershed Management
- ii) Urban Drainage System and Management

J. PUBLIC PROCUREMENT RESEARCH CENTRE (PPRC)

PGD in Public Procurement