

Post-graduate Programs of Bahir Dar University

1. Bahir Dar Institute of Technology

Masters

1. Master of Science in Hydraulic Engineering
2. Master of Science in Engineering Hydrology
3. Master of Science in Water Supply and Sanitary Engineering
4. Master of Science in Irrigation Engineering and Management
5. Master of Science in Construction Technology and Management
6. Master of Science in Structural Engineering
7. Master of Science in Geotechnical Engineering
8. Master of Science in Road and Transport Engineering
9. Master of Science in Materials Science and Engineering
10. Master of Science in Sustainable Energy Engineering
11. Master of Science in Automotive Engineering
12. Master of Science in Electromechanical Engineering
13. Master of Science in Production Engineering and Management
14. Master of Science in Agricultural Mechanization Engineering
15. Master of Science in Mechanical Design
16. Master of Science in Thermal Engineering
17. Master of Science in Manufacturing Engineering
18. Master of Science in Power System Engineering
19. Master of Science in Energy Informatics
20. Master of Science in Control System Engineering
21. Master of Science in Computer System Engineering (AI and Data Science)
22. Master of Science in Computer System Engineering (Networking and Cyber Security)
23. Master of Science in Communication System Engineering
24. Master of Science in Biomedical Engineering
25. Master of Science in Space Science Engineering
26. Master of Science in Optics and Optical Communication
27. Master of Science in Electric Mobility Engineering
28. Master of Science in Microelectronics Engineering
29. Master of Science in Process Engineering
30. Master of Science in Environmental Engineering

31. Master of Science in Food Technology
32. Master of Science in Food Safety and Quality
33. Master of Science in Sugar Technology
34. Master of Science in Applied Human Nutrition
35. Master of Science in Polymer Science and Engineering
36. Master of Science in Nuclear Engineering
37. Master of Science in Postharvest Management and Engineering
38. Master of Science in Software Engineering
39. Master of Science in Computer Science
40. Master of Science in Information Technology
41. Master of Science in Artificial Intelligence and Data Science
42. Master of Science in Industrial Biotechnology
43. Master of Science in Industrial Management

PhD

1. Doctor of Philosophy in Hydraulic Engineering
2. Doctor of Philosophy in Hydrology and Water Resources Management
3. Doctor of Philosophy in Water Supply and Sanitary Engineering
4. Doctor of Philosophy in Irrigation Engineering and Management
5. Doctor of Philosophy in Construction Engineering and Management
6. Doctor of Philosophy in Structural Engineering
7. Doctor of Philosophy in Geotechnical Engineering
8. Doctor of Philosophy in Road and Transport Engineering
9. Doctor of Philosophy in Sustainable Energy Engineering
10. Doctor of Philosophy in Agricultural Mechanization Engineering
11. Doctor of Philosophy in Agricultural Machinery Engineering
12. Doctor of Philosophy in Mechanical Design
13. Doctor of Philosophy in Thermal Engineering
14. Doctor of Philosophy in Manufacturing Engineering
15. Doctor of Philosophy in Power System Engineering
16. Doctor of Philosophy in Control System Engineering
17. Doctor of Philosophy in Computer System Engineering (Networking and Cyber Security)
18. Doctor of Philosophy in Communication System Engineering
19. Doctor of Philosophy in Postharvest Engineering and Management

20. Doctor of Philosophy in Food Engineering
21. Doctor of Philosophy in Biochemical Engineering
22. Doctor of Philosophy in Process Engineering and Design
23. Doctor of Philosophy in Environmental and Biological Engineering
24. Doctor of Philosophy in Industrial and Environmental Biotechnology
25. Doctor of Philosophy in Nano Science and Engineering
26. Doctor of Philosophy in Polymer Science and Engineering
27. Doctor of Philosophy in Computer (Communication and Network Systems)
28. Doctor of Philosophy in Computer Science (Artificial Intelligence and Robotics)
29. Doctor of Philosophy in Computer Science (Cyber Security)
30. Doctor of Philosophy in Computer Science (Data Science)
31. Doctor of Philosophy in Civil Engineering (Structural Engineering)
32. Doctor of Philosophy in Computer Engineering (Intelligent and Adaptive Systems)

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2. Ethiopian Institute of Textile and Fashion Technology

Masters

1. Master of Science in Textile Chemistry
2. Master of Science in Textile Manufacturing
3. Master of Science in Fashion Technology
4. Master of Science in Leather Products Design and Engineering
5. Master of Science in Fashion Design
6. Master of Science in Fiber Science and Technology
7. Master of Science in Textile Technology
8. Master of Education in Textile Technology
9. Master of Education in Garment Technology
10. Master of Science in Textile Material Science and Engineering

PhD

1. Doctor of Philosophy in Textile Technology
2. Doctor of Philosophy in Fashion Technology
3. Doctor of Philosophy in Fiber and Polymer Science

4. Doctor of Philosophy in Smart and Functional Textiles
5. Doctor of Philosophy in Textile Chemical Processing
6. Doctor of Philosophy in Textile Design and Manufacturing
7. Doctor of Philosophy in Textile Material Science and Engineering
8. Doctor of Philosophy in Leather Technology
9. Doctor of Philosophy in Footwear Design and Engineering

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3. College of Medicine and Health Sciences

Masters

1. MSc in Medical Microbiology
2. MSc in Parasitology and Vector Control
3. MSc in Pharmacology
4. MSc in Pediatric Nursing
5. MSc in Clinical Midwifery
6. MSc in Adult Health Nursing
7. MSc in Surgical Nursing
8. MSc in Hematology and Immunohematology
9. MPH in Epidemiology
10. MPH in Public Health Genomics
11. MPH in Reproductive Health
12. General Master of Public Health
13. MPH in Public Health Nutrition
14. MPH in Health Promotion
15. MPH in Health System and Project Management
16. MPH in Health Informatics
17. MPH in Water, Sanitation and Hygiene
18. MPH in Environmental Health
19. MPH in Biostatistics
20. MSc in Integrated Clinical and Community Mental Health

PhD

1. Doctor of Philosophy in Public Health

2. Doctor of Philosophy in Public Health Nutrition
3. Doctor of Philosophy in Environmental Health
4. Doctor of Philosophy in Reproductive Health
5. Degree of Doctor of Philosophy in Epidemiology
6. Doctor of Philosophy in Biostatistics

Specialty

1. Specialty in General Surgery
2. Specialty in Gynecology and Obstetrics
3. Specialty in Internal Medicine
4. Specialty in Orthopedics and Trauma Management
5. Specialty in Pediatrics and Child Health
6. Specialty in Dermatovenereology
7. Specialty in Anesthesiology and critical care
8. Specialty in Ophthalmology
9. Specialty in Psychiatry
10. Specialty in Radiology and Imaging
11. Specialty in Otolaryngology-Head and Neck Surgery
12. Specialty in Emergency and Critical Medicine

Sub Specialty

1. Subspecialty in Gynecology Oncology
2. Subspecialty in Urologic Surgery
3. Subspecialty in Pulmonology and Critical Care Medicine
4. Subspecialty in Urogynecology and Pelvic Floor Reconstructive Surgery
5. Subspecialty in Advanced Head and Neck Surgery
6. Subspecialty in Maternal and Fetal Medicine

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4. College of Agriculture and Environmental Sciences

Masters

1. Master of Science in Agronomy
2. Master of Science in Agricultural Economics
3. Master of Science in Fisheries and Aquaculture

4. Master of Science in Aquatic and Wetland Ecosystems Management
5. Master of Science in Animal Genetics and Breeding
6. Master of Science in Feeds and Animal Nutrition
7. Master of Science in Apiculture
8. Master of Science in Animal Production
9. Master of Science in Plant Breeding
10. Master of Science in Plant Protection
11. Master of Science in Horticulture
12. Master of Science in Land Resources Management
13. Master of Science in Rural Development Management
14. Master of Science in Agricultural Extension and Innovation
15. Master of Science in Seed Science and Technology
16. Master of Science in Veterinary Epidemiology and Economics
17. Master of Science in Veterinary Microbiology
18. Master of Science in Veterinary Public Health
19. Master of Science in Wildlife Conservation and Ecotourism Management
20. Master of Science in Soil Science and Watershed Management
21. Master of Science in Soil conservation
22. Master of Science in Environment and Natural Resource Economics
23. Master of Science in Agroforestry
24. Master of Science in Agricultural Entomology
25. Master of Science in Plant Pathology
26. Master of Science in Plant Quarantine and Agricultural Pesticides

PhD

1. Doctor of Philosophy in Agronomy
2. Doctor of Philosophy in Animal Production (Dairy Science and Technology, Meat Science and Technology, Poultry Science and Technology)
3. Doctor of Philosophy in Apiculture
4. Doctor of Philosophy in Fisheries and Aquaculture
5. Doctor of Philosophy in Soil Science
6. Doctor of Philosophy in Animal Genetics and Breeding
7. Doctor of Philosophy in Animal Nutrition
8. Doctor of Philosophy in Aquatic and Wetland Ecosystems Management
9. Doctor of Philosophy in Horticulture
10. Doctor of Philosophy in Rural Development
11. Doctor of Philosophy in Plant Pathology
12. Doctor of Philosophy in Plant Breeding and Genetics
13. Doctor of Philosophy in Agricultural Economics (Agricultural Production Economic, Agricultural Marketing & Value Analysis, Environmental & Resource Economics)

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5. College of Science**Masters**

1. Master of Science in Mathematics (Algebra, Analysis, Differential Equations, Numerical Analysis, Optimization, Mathematical Modeling, Financial Mathematics)
2. Master of Science in Biology (Botanical Science)
3. Master of Science in Biology (Applied Microbiology)
4. Master of Science in Biology (Biomedical Science)
5. Master of Science in Biology (Applied Genetics)
6. Master of Science in Biology (Zoological Science)
7. Master of Science in Ecological and Systematic Zoology
8. Master of Science in Chemistry (Analytical Chemistry, Physical Chemistry, Organic Chemistry and Inorganic Chemistry)
9. Master of Science in Physics (Space Physics, Solid State Physics, Physical Electronics, Quantum Optics, Laser, Atmospheric, Nuclear Physics, and Semiconductor.)
10. Master of Science in Statistics (Biostatistics, Industrial Statistics, Econometrics)
11. Master of Science in Industrial Quality Control and Management

PhD

1. Doctor of Philosophy in Mathematics (Algebra, Analysis, Differential Equations, Numerical Analysis, Optimization, Mathematical Modeling, Financial Mathematics, Inverse Problem)
2. Doctor of Philosophy in Physics (Space Physics, Solid State Physics, Applied Conducted Mater Physics, Atmospheric Physics)
3. Doctor of Philosophy in Plant Biology
4. Doctor of Philosophy in Applied Microbiology
5. Doctor of Philosophy in Biomedical Sciences
6. Doctor of Philosophy in Statistics
7. Doctor of Philosophy in Chemistry (Analytic Chemistry, Organic Chemistry, Inorganic Chemistry, Physical Chemistry)

8. Doctor of Philosophy in Wildlife Ecology and Conservation
9. Doctor of Philosophy in Entomology

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6. College of Education

Masters

1. Master of Arts in Curriculum and Instruction
2. Master of Arts in Adult Education & Community Development
3. Master of Arts in International and Comparative Education
4. Master of Arts in Educational Planning and Management
5. Master of Arts in Educational Psychology
6. Master of Arts in Educational Leadership
7. Master of Arts in School Leadership
8. Master of Arts in Social Psychology
9. Master of Arts in Educational Measurement and Evaluation
10. Master of Arts in Counseling Psychology
11. Master of Arts in Early Childhood Care and Education
12. Master of Arts in Special Needs and Inclusive Education
13. Master of Arts in Applied Developmental Psychology
14. Master of Education in Educational Sciences: Teaching of Mathematics
15. Master of Education in Educational Sciences: Teaching of Science Subjects
16. Master of Education in Teaching English as a Foreign Language
17. Master of Education in Teaching Amharic

PhD

1. Doctor of Philosophy in Curriculum and Instruction
2. Doctor of Philosophy in Educational Policy and Leadership
3. Doctor of Philosophy in Educational Psychology
4. Doctor of Philosophy in Higher Education Leadership and Management
5. Doctor of Education in Curriculum and Instruction
6. Doctor of Education in Assessment and Evaluation
7. Doctor of Education in Educational Policy and Strategic Management

8. Doctor of Education (DED) in Biology
9. Doctor of Education (DED) in Chemistry
10. Doctor of Education (DED) in Physics
11. Doctor of Education (DED) in Mathematics
12. Doctor of Education (DED) in Geography and Environmental Education
13. Doctor of Education (DED) in History
14. Doctor of Education (DED) in Civics and Ethical Education
15. Doctor of Education (DED) in Amharic
16. Doctor of Education (DED) in English

Contact Persons

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7. College of Business and Economics

Masters

1. Master of Science in Accounting & Finance
2. Master of Science in Accounting and Auditing
3. Master of Business Administration
4. Master of Public Management and Governance
5. Master of Science in Economics Policy Analysis
6. Master of Science in Development Economics
7. Master of Arts in Logistic and Supply Chain Management
8. Master of Arts in Marketing Management
9. Master of Science in Banking and Financial Markets
10. MA in Tourism Business Administration

PhD

1. Doctor of Philosophy in Economics
2. Doctor of Philosophy in Accounting and Finance
3. Doctor of Philosophy in Management Studies
4. Doctor of Philosophy in Marketing Management
5. Doctor of Philosophy in Logistics and Supplies Chain Management

Contact Person

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8. Faculty of Social Science**Masters**

1. Master of Arts in Geography and Environmental Studies
2. Master of Arts in Population Studies
3. Master of Science in Geo-information Science
4. Master of Arts in Social Anthropology
5. Master of Arts in Environmental Management
6. Master of Arts in Social Work
7. Master of Arts in History
8. Master of Arts in Heritage and Museum Studies
9. Master of Arts in Political Science
10. Master of Arts in Peace and Conflict Studies
11. Master of Arts in Gender and Development Studies
12. Master of Arts in Sociology
13. Master of Arts in Urban and Regional Development Planning

PhD

1. Doctor of Philosophy in Geography & Environmental Studies
2. Doctor of Philosophy in History
3. Doctor of Philosophy in Political Science and International Studies
4. Doctor of Philosophy in Social Anthropology
5. Doctor of Philosophy in Geospatial Analytics and Remote Sensing
6. Doctor of Philosophy in Social Work and Social Development

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9. Faculty of Humanities**Masters**

1. Master of Arts in Literature
2. Master of Arts in Amharic Literature
3. Master of Arts in Folklore/Cultural Studies
4. Master of Arts in Media and Communication
5. Master of Arts in Applied Linguistics and Communication
6. Master of Arts in Ge'ez Language and Literature

PhD

1. Doctor of Philosophy in Literature
2. Doctor of Philosophy in Amharic Literature
3. Doctor of Philosophy in Media and Communication
4. Doctor of Philosophy in Folklore

Contact Person

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10. Institute of Disasters Risk Management and Food Security

Masters

1. Master of Science in Disaster Risk Management and Sustainable Development
2. Master of Science in Livelihood and Food Security
3. Master of Science in Disaster Risk and Management and Food Systems Resilience

PhD

1. Doctor of Philosophy in Disaster Risk Science

Contact Person

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11. Institute of Land Administration

Masters

1. Master of Science in Land Administration and Management
2. Master of science in Real property Valuation
3. Master of Arts in Real Property Law
4. Master of Science in Geomatics

5. Masters of Science in Land Use Planning and Development Management

PhD

1. Doctor of Philosophy in Land Policy and Governance
2. Doctor of Philosophy in Urban planning and Development

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12. School of Law

Masters

1. LL. M. in Criminal Justice and Human Rights
2. LL. M. in Environment and Land Law
3. LL. M. in Business and Corporate Law
4. LL. M. in Construction Law and Dispute Resolution
5. Master of Arts in Governance and Development

PhD

1. Doctor of Philosophy in Law

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13. School of Earth Sciences

Masters

1. Master of Science in Petrology
2. Master of Science in Hydrogeology
3. Master of Science in Economic Geology
4. Master of Science in Geophysics

PhD

1. Doctor of Philosophy in Earth Sciences (Hydrogeology)

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14. Sport Academy

Masters

1. Master of Science in Sport Science (Athletics Coaching, Basketball Coaching, Football Coaching, Handball Coaching, Volleyball Coaching)
2. Master of Science in Sport Management
3. Master of Science in Teaching Physical Education
4. Master of Science in Exercise Physiology

PhD

1. Doctor of Philosophy in Sport Science (Coaching Athletics)
2. Doctor of Philosophy in Sport Science (Coaching Volley Ball)
3. Doctor of Philosophy in Sport Science (Coaching Foot Ball)
4. Doctor of Philosophy in Sport Management

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15. Institute of Bio Technology (IoB)

Masters

1. Master of Science in Agricultural Biotechnology (Animal, Plant and Aquaculture biotechnology)
2. Master of Science in Medical Biotechnology
3. Master of Science in Environmental Biotechnology
4. Master of Science in Bioinformatics and Data Base Management

PhD

1. Doctor of Philosophy in Biotechnology (Health Biotechnology, Agricultural Biotechnology, Industrial Biotechnology, Environmental Biotechnology)

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