

Typical Disciplines Awarded (this list is not exhaustive. It is intended to provide examples only)

Title of Degree	High Level Field	High-Level Discipline	Research Focus Summary
PhD in Agricultural Economics	Agronomy	Agriculture	Computable General Equilibrium Analysis on West African Agriculture Trade and Competitiveness
PhD in Physical Anthropology	Animal Science	Zoology	Genetic Analysis
Post-Doc in Astrostatistics	Astronomy	Astronomy	Planetary Sciences and Application of Statistics to Astronomy and Astrophysics
PhD in Aquaculture	Biology	Agriculture	Phylogenics (Natural Growth Promoters)
Post-Doc in Chemical Ecology	Chemical Ecology	Entomology	Alternative Strategies for Controlling Insect Pests
PhD in Chemical Engineering	Chemistry	Chemical Engineering	Carbon Dioxide Sequestration
PhD in Organic Chemistry	Chemistry	Chemistry	Total Synthesis of Small Biologically active Compounds
Post-Doc in Biochemistry & Molecular Biology	Chemistry	Biochemistry	Biocrystallographic Studies of Drug-Resistant Mutants of HIV Protease
Post-Doc in Materials Chemistry	Chemistry	Materials Chemistry	Nanoengineering of Functional Metal Oxides
PhD in Forest Science	Climate Change	Environmental Sciences	Impact of Nitrogen and Other Fertilizer Inputs on Carbon Dynamics in Managed Pine Forests of Southeastern United States
Post-Doc in Community Forests	Climate Change	Environmental Sciences	Tropical Forest Ecology and Conservation Management; Community Forests and Payment for Ecosystem Services
PhD in Ecology	Earth Sciences	Botany	Introduction of Invasive Alien Species
PhD in Geophysics	Earth Sciences	Seismology	Seismic velocity structure of the crust and upper mantle in Sudan
PhD in Natural Science	Earth Sciences	Geology	Epithermal gold and base metal mineralization in West Java
PhD in Space Systems Engineering	Earth Sciences	Geophysics	Satellite Systems, Exploration Geophysics
PhD in Aerospace Engineering	Engineering	Physics	Interface of Crystallines; Mechanical Behavior of Ferromagnetic Materials; and Single-Walled Carbon Nanotube
PhD in Bioengineering	Engineering	Bioengineering	Reprogramming Adult Bone Marrow Stem Cells
PhD in Biomedical Engineering	Engineering	Civil and Environmental Engineering	3D Ultrasound Imaging of the Spine
PhD in Civil Engineering	Engineering	Civil and Environmental Engineering	Design and Improvement of Reinforced Concrete Structures
PhD in Electrical & Computer Engineering	Engineering	Electronics and Electrical Engineering	Algorithmic and Information- Theoretic Aspects of Networking, Reliable and Fault-Tolerant Systems Design
PhD in Electrical Engineering	Engineering	Electronics and Electrical Engineering	Analysis and Determination of the Accuracy of Location Services

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PhD in Electronic Engineering	Engineering	Electronics and Electrical Engineering	Surface Acoustic Wave Microsensors for Biosensing
PhD in Engineering Seismology	Engineering	Civil and Environmental Engineering	Subduction Zone Earthquake-Triggered Tremors Is primarily focused on building Constructions.
PhD in Environmental Engineering	Engineering	Civil and Environmental Engineering	Reuse of Greywater for Urban Agriculture
PhD in Geotechnical Engineering	Engineering	Civil and Environmental Engineering	Stabilization of Problematic Laterite Soils
PhD in Magnetic Resonance Imaging	Engineering	Electronics and Electrical Engineering	Development of Antennas in Magnetic Resonance Imaging
PhD in Mechanical Engineering	Engineering	Mechanical Engineering	Spectrally selective heating of nano-sized particles and agglomerates
PhD in Petroleum Engineering	Engineering	Petroleum Engineering	Multi-stage Hydraulically Fractured Horizontal Gas Wells
PhD in Telecommunication Engineering	Engineering	Electronics and Electrical Engineering	Analysis and Determination of the Accuracy of Location Services
Post-Doc in Metallurgical & Materials Engineering	Engineering	Material Engineering	Hazardous Waste Treatment and Management
PhD in Environmental Toxicology	Environment	Environmental Sciences	Potential impacts of selected agrochemicals from sugar and rice companies on the Kilombero
Post-Doc in Chemistry	Environment	Chemistry	Porous Metal-Organic Frameworks
Post-Doc in Environmental Science	Environment	Biology	Lyme disease
PhD in Food Science	Health	Nutrition	Malnutrition in Indonesia
PhD in Pharmacology	Health	Pharmacology	Multidrug Resistance of Bacterial Pathogens
PhD in Bioinformatics	Healthcare Sciences	Bioengineering	Comparative Genomic Analysis of Kinetoplastid Protozoa
PhD in Infectious Diseases & Immunology	Healthcare Sciences	Infectious diseases and immunology	Role of Properdin in Infectious Diseases
PhD in Medical Sciences	Healthcare Sciences	Medicine	3D Ultrasound Imaging of the Spine
PhD in Nutrition	Healthcare Sciences	Nutrition	Antioxidant Properties of African Leafy Vegetables
Post-Doc in Clinical Microbiology & Virology	Healthcare Sciences	Infectious diseases and immunology	RVFV Zoonosis
PhD in Computer Science	Information Technology	Computer Engineering	Impact of mobile web on rural areas in emerging economies
PhD in Human Computer Interaction	Information Technology	Information Systems	Digital Signage
PhD in Web Science	Information Technology	Computer Engineering	Impact of mobile web on rural areas in emerging economies
PhD in Botany & Geology	Interdisciplinary Sciences	Botany	Diversification and Radiation of Flowering Plants in Lower Cretaceous Period
Post-Doc in Geology & Paleontology	Interdisciplinary Sciences	Computer Engineering	Past Climate Change in Continental Basins
PhD in Mathematics	Mathematics	Pure Mathematics	Semigroup Theory
Post-Doc in Nanotechnology	Nanotechnology	Chemistry	Development of New DNA-Based Hybridization Biosensors on Early Detection of Cancerous or Inherited Endemic Diseases
PhD in Atmospheric Sciences	Physics	Atmospheric Sciences	Profiling the Atmosphere with Airborne Radio Occultation Technique
Post-Doc in Biophysical Sciences	Physics	Biophysics	Use of Optical Tweezers to Measure Cell Viscoelasticity

Title of Degree	High Level Field	High-Level Discipline	Research Focus Summary
Post-Doc in Physics	Physics	Physics	Mechanisms of Information Encoding in Oscillatory Sensory Cells
PhD in Hydrology	Water	Hydrology	Water Resources and Availability