



FEDERAL UNIVERSITY OF PARÁ

Research And Graduate Courses Office (PROESP)
& International Relations Office (PROINTER)



PRIORITY **RESEARCH** AREAS

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FEDERAL UNIVERSITY OF PARÁ (UFPA) - STATE OF PARÁ - BRAZIL

Master/doctorate Programs
(Initials – CAPES score [1 to 7])
Priority research areas
Cooperation agreements

*CAPES: Brazilian National Council for Scientific and Technological Development

BRAZIL – PARÁ – (UFPA)

Postgraduate Program in Sustainable Development of the Humid Tropics - PPGDSTU - 7

- Social and Environmental Development

Geology and Geochemistry Postgraduate Program - PPGG - 7

- Geology
- Geochemistry and Petrology

Postgraduate Program in Letters - PPGL - 6

- Literary Studies
- Linguistic Studies

Cooperation agreements: USA

Postgraduate Program in Biology of Infectious and Parasitic Agents - PPGAIB - 6

- Biology
- Epidemiology of Infectious and Parasitic Agents

Postgraduate Program in Physics - PPGF - 6

- Materials Physics
- Field and Particle Physics

Postgraduate Program in Molecular Biology and Genetics - PPGBM - 6

- Bioinformatics
- Animal Genetics
- Human and Medical Genetics
- Micro-organisms and Molecular Genetics
- Vegetal Genetics

Postgraduate Program in Psychology (Behavioral Theory and Research) - PPGTPC - 6

- Experimental Psychology
- Ecoethology

Postgraduate Program in Biotechnology - PPGBIOTEC - 5

- Molecular Biotechnology and Bioinformatics Applied to the Genomics
- Molecular Biotechnology and Bioinformatics Applied to the Proteomic
- Natural Resources' Biotechnology Applied to Agriculture and Environment
- Natural Resources' Biotechnology Applied to Health

Postgraduate Program in Computer Science - PPGCC - 5

- Computer Systems
- Information Systems

Postgraduate Program in Law - PPGD - 5

- Constitutionalism, Democracy and Human Rights
- Human Rights and Social Inclusion
- Human Rights and Environment

Cooperation agreements: France, Portugal, USA

Postgraduate Program in Sociology and Anthropology - PPGSA - 5

- Sociology and Anthropology

Cooperation agreements: Portugal, Germany

Postgraduate Program in Amazon Agricultures - PPGAA - 5

- Family Farming

- Sustainable Development

Postgraduate Program in Food Science and Technology - PPGCTA - 5

- Foods and Bioactive Compounds' Chemical, Biochemical and Microbiological Properties.
- Use of Agro-industrial waste and product development
- Separation and Transformation Processes' Analysis and Development Applied to Foods

Postgraduate Program in Anthropology - PPGA - 5

- Social Anthropology
- Archeology
- Bioanthropology

Cooperation agreements: Portugal, Germany

Postgraduate Program in Teaching in Sciences and Mathematics - PPGDOC - 5

- Teaching and Learning of Sciences and Mathematics for Citizen Education
- Teachers Training for the Teaching of Sciences and Mathematics

Postgraduate Program in History - PPHIST - 5

- Social History of the Amazon

Cooperation agreements: Portugal

Postgraduate Program in Education - PPGED - 5

- Public Educational Policies
- Education, Culture and Society
- Teacher formation, Teaching, Pedagogical Theories and Practices

Cooperation agreements: Portugal

Postgraduate Program in Social Service - PPGSS - 5

- Social Service, Labor and Public Policy

Postgraduate Program in Communication, Culture and the Amazon - PPGCOM - 5

- Communication, Culture and Socialities in the Amazon

- Communication Processes and Mediatization in the Amazon

Cooperation agreements: Portugal, Colombia

Postgraduate Program in Tropical Diseases - PPGDT - 5

- Tropical Diseases Clinics
 - Tropical Diseases Pathology
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Postgraduate Program in Ecology - PPGECO - 5

- Ecology of Communities and Ecosystems
 - Ecology of Organisms and Populations
 - Landscape Ecology
 - Theoretical and Applied Ecology
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Postgraduate Program in Aquatic Ecology and Fishing - PPGEAP - 5

- Aquatic Biodiversity
 - Maintaining and Socioenvironmental Impact in Aquatic Ecosystems
 - Ecology and Management of Fishing Resources
-

Postgraduate Program in Zoology - PPGZOO - 5

- Evolution
 - Biodiversity and Conservation
-

Postgraduate Program in Economics - PPGE - 5

- Regional Economic Development
- Economics, Society and Environment
- Macroeconomics and Development
- Agrarian Dynamics and Sustainable Development

Cooperation agreements: China, England, USA

Postgraduate Program in Environmental Sciences - PPGCA - 5

- Climate and Socio-environmental Dynamics in the Amazon

Cooperation agreements: Portugal, Spain, France

Postgraduate Program in Oncology and Medical Sciences - PPGOCM - 5

- Endocrine and Metabolic Diseases
- Neurodegenerative Diseases
- Translational Research in Human Health
- Genomic, Transcriptomic and Proteomic
- Biomarker's Identifying and Development
- Oncologic Pathology, Clinic and Therapy.

Postgraduate Program in Architecture and Urbanism - PPGAU - 5

- Analysis and Design of the Built Space in the Amazon

Cooperation agreements: Portugal, Germany

Postgraduate Program in Geography - PPGeo - 5

- Territorial Organization and Management

Cooperation agreements: Portugal, France

Postgraduate Program in Neuroscience and Cellular Biology - PNBC - 5

- Cellules and Molecules Physiology
- Cellules and Molecules Pathology
- Pathogenic Microorganisms
- Neurophysiology
- Neuropathology
- Neuropharmacology

Postgraduate Program in Natural Resources Management and Local Development in the Amazon - PPGEDAM - 5

- Environment Management
- Usage of Natural Resources

Arts Postgraduate Program - PPGARTES - 5

- Poetics and Processes in Arts
- Theories and Epistemic Interfaces in Arts
- History, Criticism and Education in Arts

Postgraduate Program in Sciences and Mathematics Education - PPGECEM - 5

- Sciences Education
 - Mathematics Education
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Electric Engineering Postgraduate Program - PPGECE - 5

- Applied Computation
 - Systems of Electric Engineering
 - Telecommunications
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Biodiversity and Biotechnology Postgraduate Program - BIONORTE - 5

- Biodiversity and Conservation
 - Biotechnology
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Postgraduate Program in Environmental Biology - PPGBA - 4

- Ecology and Social-Environmental
 - Oceanography
 - Systematics and Evolution
-

Postgraduate Program in Animal Science - PPGCAN - 4

- Aquatic Ecology and Aquiculture
 - Sustainable Development of Animal Production Systems
-

Postgraduate Program in Information Sciences - PPGCI - 4

- Information Management
 - Knowledge Organization
-

Postgraduate Program in Political Sciences - PPGCP - 4

- Political Institutions and Public Policies
 - Democracy and Society
-

Postgraduate Program in Sciences and Environment - PPGCMA - 4

- Conservation and Social Construction of the Environment
 - Integration in Sciences and Environment
-

Postgraduate Program in Pharmaceutical Sciences - PPGCF - 4

- Biological Evaluation of Active, Natural and Synthetic Principles
 - Integration in Sciences and Environment
-

Postgraduate Program in Creativity and Innovation in Superior Education Methodologies - PPGCIMES - 4

- Methodological Innovations in Superior Education
 - Creativity and Innovation in Educational Processes and Products
-

Postgraduate Program in Syllabus and Basic Education Management - PPEB - 4

- Basic Education Syllabus
 - Pedagogic Work Management and Organization in Basic Education
 - History of Basic Education
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Postgraduate Program in Education in the Amazon - EDUCANORTE - 4

- Education in the Amazon: Teacher's formation, pedagogic praxis and syllabus
 - The State, Public Policies and Management of Education
 - Knowledges, Languages and Education
-

Postgraduate Program in Civil Engineering - PPGECC - 4

- Civil Construction Engineering
 - Hydric Engineering
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Postgraduate Program in Mechanical Engineering - PPGECC - 4

- Processing and Characterization of Materials
 - Energy Conversion and Environment
 - Vibrations and Acoustics
-

Postgraduate Program in Chemical Engineering - PPGECC - 4

- Inorganic Processes Engineering
 - Organic Processes Engineering
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Postgraduate Program in Anthropic Studies in the Amazon - PPGECC - 4

- Ethno-Sociobiodiversity and Environmental Sustainability
- Ethno-Knowledges and Social Technologies

Postgraduate Program in Philosophy - PPGFILO - 4

- Aesthetics, Ethics and Political Philosophy
- Knowledge Theory, Epistemology and Language Philosophy
- Literature, Psychoanalysis and Education

Postgraduate Program in Mathematics and Statistics - PPGME - 4

- Algebra
- Partial Differential Equations
- Statistics
- Geometry
- Numerical Methods

Postgraduate Program in Neurosciences and Behavior - PPGNC - 4

- Basic Behavioral Processes
- Complex Behavioral Processes

Postgraduate Program in Psychology - PPGP - 4

- Phenomenology: Theory and Clinics
- Psychoanalysis: Theory and Clinics
- Psychology, Society and Health

Postgraduate Program in Odontology - PPGO - 4

- Development of Materials and Technics in the Odontology Clinic
- Oral Biology
- Research Group in Systematic Revision and Metanalysis and in Odontology and Physiological Sciences
- Amazon's Orthodontics

Postgraduate Program in Public Security - PPGSP - 4

- Public Security, Justice, Conflicts and Citizenship
- Politics, Management, Human Rights, Criminality and Information Technology

Postgraduate Program in Animal Health in the Amazon – PPGSAAM - 4

- Health-Disease Process in Animals
- Public Health and Food Security

