

ASCUN

Information

UNIVERSIDAD PEDAGÓGICA NACIONAL

1. Description

Universidad Pedagógica Nacional (UPN) is a public higher education institution, which forms professionals in education and educational actors, in the service of Colombia and the world, at all levels and in all modes of the education system, and for the entire population, in its many manifestations of diversity.

It also researches, produces and disseminates knowledge for professionals in teaching, education, pedagogy and didactics, and helps to formulate public education policy.

The UPN has a presence in the Bogotá, Guapí, Amazonas and Sutatenza. Its central facility is strategically located in Chapinero, Bogota, between Calles 72 and 73 and Carreras 11 and 13, in a financial centre. This means that there is constant interaction with the community, and constant contribution, through education, in the strengthening of services in that sector.

2. Undergraduate programs

UPN grants the professional qualification of Licentiate to education professionals who have formed themselves as teachers in a range of different disciplines. These undergraduate programs last for five years, full-time, and on campus.

SCHOOL OF SCIENCE AND TECHNOLOGY

- Licentiate in Technological Design, with concentration on mechanical systems
- Licentiate in Biology
- Licentiate in Chemistry
- Licentiate in Mathematics
- Licentiate in Physics
- Licentiate in Electronics.

SCHOOL OF EDUCATION

- Licentiate in Education with an emphasis on special education
- Licentiate in Children's Education
- Licentiate in Psychology and Pedagogy
- Licentiate in Community Education with an emphasis on human rights

SCHOOL OF HUMANITIES

- Licentiate in Basic Education with an emphasis with concentration in humanities, Licentiate in Spanish and Foreign Languages
- Licentiate in Basic Education with concentration of social sciences
- Licentiate in Basic Education with concentration on humanities, Spanish and English
- Licentiate in Philosophy

SCHOOL OF PHYSICAL EDUCATION

- Licentiate in Recreation
- Licentiate in Sports
- Licentiate in Physical Education
- Licentiate in Physical Education, Sports and Recreation-concentration on rural studies - Valle de Tenza Campus.

SCHOOL OF FINE ARTS

- Licentiate in Music
- Licentiate in Scenic Arts
- Licentiate in Visual Arts

3. Graduate programs

UPN has the following graduate programs

Specializations

SCHOOL OF SCIENCE AND TECHNOLOGY

- Specialization in the Teaching of Basic Sciences
- Specialization in Education in Mathematics
- Specialization in Teaching of Biology
- Specialization in Information Technologies Applied to Education

SCHOOL OF EDUCATION

- Specialization in Special Education with concentration in augmentative and alternative communication -on campus and distance modes
- Specialization in Social Management of Education
- Specialization in Pedagogy – on-campus and distance in physical education
- Specialization in Pedagogy in sporting sports training

- Specialization in Management of Physical Education, Recreation and Sports
- Specialization in Pedagogy and Didactics in Physical Education

SCHOOL OF HUMANITIES

- Specialization in the Teaching of Spanish as the mother tongue

MASTERS AND DOCTORAL PROGRAMS

SCHOOL OF SCIENCE AND TECHNOLOGY

- Masters in Teaching of Mathematics
- Masters in Teaching of Chemistry
- Masters in Teaching of Natural Sciences
- Masters in Information Technology as Applied to Education

SCHOOL OF EDUCATION

- Masters in Education
- Masters in Social Development-Agreement CINDE-UPN

SCHOOL OF HUMANITIES

- Masters in Teaching of Foreign Languages with concentration in English or French (double degree, agreement with the University of Nantes)
- Masters in Social Studies

DOCTORATES

- Inter-institutional Doctorate in Education-Agreement with Universidad del Valle, Universidad Francisco Jose de Caldas, UPN

The inter-institutional Doctorate is a product of academic efforts of UPN, Universidad del Valle and Universidad Distrital Francisco Jose de Caldas, for the academic formation and research formation so that teachers at different levels of education in Colombia can reach the highest targets of formation in research.

In the context of this agreement, the associated universities seek to form research centers of the highest possible level in the field of education and pedagogy; to conduct research which will secure a significant expansion of knowledge in the field of education and the pedagogy, and contribute to the solution of national educational problems.

The various concentration areas in the program offer an opportunity to encourage reflections conceptual construction, debate, and handling of theoretical languages. The concentration areas include education and sciences; education, culture and

development; the mathematical education; philosophy and teaching of philosophy; history of education; pedagogy and education compared combatively that logic and education, and language and education.

4. Lines of research

Line 1: Disability, Diversity and Inclusion

The distinguished record of the Licentiate in Education with concentration in special education of the School of Education is outstanding for the number of projects recorded generic area of disability, diversity and inclusion, which brings together a number of different pieces of research in on issues of the social inclusion of individuals will differ with different types of disability, such as deafness, autism, blindness, and so on.

Line 2. Art and artistic education

In this area there have been 25 research projects, all of which have been presented by the School of Fine Arts. Five refer to pedagogical and didactic proposals related to instrumental didactics, four to dramaturgy and theatre; six refer to musical apprenticeships processes, with instruments and puppets, amongst others; four relate directly to formation of teaching in the area, and two to pedagogy and didactics. The eight remaining projects are related to artistic education.

Line 3. Education in natural sciences

There are 19 projects in this area. Eight are related to the design of teaching methods for natural sciences, in particular to experimental activity in sciences as a method for teaching, and on methods of teaching and learning of the sciences.

Line 4. Mathematical education and the teaching of geometry

The 19 projects in this area work on different topics of these disciplines. The focus on and proposals for activities in mathematics, dynamic geometry, statistical knowledge and problem solving in mathematics, etc.

Line 5. Pedagogical practice and formation of teachers

In this category, there are some projects related to teaching practice and others that enquire into the process of the formation of teachers. In particular, the projects for models of formation of teachers for the learning of English, formation of teachers in reading and writing, and teaching practice.

Line 6. Physical Education and Sports Pedagogy

This area brings together projects related to practices in sport and recreation,

studies on sports formation schools, physical activity programs, pedagogy of sports and free time, pedagogical models, didactics of physical education and sports.

Line 7. Evaluation of practice and of teachers

In this area, there are 16 research projects referring to practices in curricula evaluation, and evaluation of competences, evaluation of learning processes, evaluation policies, evaluation in the classroom, and evaluation practices.

Line 8. Teaching of biology and environmental education

In this area, there are several projects developed by teachers in the Biology Department. Projects have been conducted in relation to discourses on biology, teachers conceptions regarding the curriculum project for biology in UPN, environmental knowledge in relation to significant learning processes, didactic proposals in environmental education, environmental management of waste in the Chemistry Department of UPN, the history of teaching practices in biology, and so on.

Line 9. Cognition and education

In this area, we find research on styles, models and processes of cognition. There are 15 projects on subjects such as instruments for collective evaluation of cognitive styles, that is, a choice of peers depending on the dimension of cognitive style, cognitive and metacognitive processes for problem-solving, styles of learning and cognitive style; the relationship between learning patterns for written language, methods of teaching, and cognitive style, amongst others.

Line 10. Pedagogy and didactics

This area brings together research which approaches strategies and proposals for pedagogy and didactics in different teams and areas of knowledge. In particular, there are the pedagogical and didactic proposals related to a range of areas of knowledge.

Line 11. Computational pedagogy and ITC.

In this area, there is research related to the pedagogical use of computers, virtual environments and ITC, and these are headed towards the development of pedagogical or didactic proposals for use and appropriation. There are projects on autonomous learning of English, on problem-solving related to dynamics of ecological systems, the teaching of logic, argumentation and philosophy.

Line 12. Public policy, subjective approaches and education

Here there are 13 projects developed by nine groups, which include research on citizenship, critical pedagogy, educational reform in Colombia, popular education,

critical pedagogies and cultural studies, collective actions and movements for education, education and formation of critical thought.

Line 13. The teaching of physics

This line brings together 12 projects on the study of concept of physics, such as the theory of relativity, quantum theory, quantum mechanics, and electromagnetic phenomena. They also covers research on the modeling of physical phenomena and didactic proposals for the teaching of the theory of relativity.

Line 14. History of education and historical research

This line brings together investigations of an historical nature, some that enquire into the many aspects of education in Colombia at various stages of its history.

5. Distinctions

- National Order of Merit, Silver Cross, awarded by the President of the Republic
- Order of Jose Acevedo y Gomez, Gold Cross, Bogota City Council
- Commander of the Order of the Congress of Colombia

6. International programs

Masters in the Teaching of Foreign Languages, concentration on English or French (double degree)

7. Contact ORI.

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