

PH.D. IN INDUSTRIAL ENGINEERING

8 semesters · SNIES Code: 54133 Res. 366 of 2016 (7 years) Metropolitan area of Barranquilla

General Objective

To train professionals at doctoral level in the field of Industrial Engineering, with research capacity, intellectual and scientific rigor, allowing them to be intellectually autonomous and internationally competitive in the appropriation of original scientific contributions.

Occupational profile

Optimization and improvement of products and processes based on experimental techniques, characterization and analysis of phenomena using fundamental principles. management and formulation of research and technological development projects, management of R&D&I teams in engineering firms

Duration

8 semesters, 120 credits.

Title offered

Doctor of Philosophy in Industrial Engineering.

Modality of study

On Campus (classes during the week, usually programmed in the afternoon hours)



www.uninorte.edu.co

CURRICULUM

Core Courses

*Approve all

	Cica
Multivariate Optimization	
Integrated Business Management	
Advanced Computing	
Operations Management	

Mathematics Concentration

*Approve 8 credits of the offer

Elective Courses

*Approve 20 credits of the offer

Research Training Courses

*Approve 8 credits

Qualifying Examination

*Passing the exam

International Internship

- *Approve 8 credits
- *Minimum duration of 3 months
- *Publish at least one international paper

Doctoral Thesis

*Approve 58 credits **Doctoral Thesis Defense**

*Approve 2 credits

*Students may choose their courses according to the academic offer of each semester. The maximum number of credits per semester is 14. Possibility of courses offered in English.

Enrollment Steps

Learn the steps and sign up by going to: www.uninorte.edu.co/nuevoingreso

Financing

We have multiple alternatives to finance the payment of tuition in the short, medium and long term. Learn more at: www.uninorte.edu.co/web/apoyo-financiero/posgrados

More information here



More information

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