



PHD IN MECHANICAL ENGINEERING

8 semesters • SNIES 52500 •
Res. 24292 of 2020 (7 years)
Metropolitan area of Barranquilla

General Objective

The PhD program in Mechanical Engineering at Universidad del Norte aims to train researchers in the areas of knowledge of Mechanical Engineering, with a high level of knowledge, intellectual and scientific rigor and ethical commitment, intellectually autonomous and internationally competitive, to advance knowledge in their respective field of training, through proposals for innovative solutions to regional, national and international problems.

Occupational profile

Optimization and Improvement of Products and Processes based on Experimental Techniques. Characterization and Analysis of Phenomena or Equipment using Fundamental Principles. Management and Formulation of Research and Technological Development Projects

Duration

8 semesters, 120 credits.

Title offered

Doctor of Philosophy in Mechanical 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*

- Basics of Computational Mechanics..... 4
- Experiments Design..... 4
- Technology Innovation and Development Projects..4
- Mechanics of Continuous Means4

Credits

Mathematics Concentration

**Approve 8 credits of the offer*

Elective Courses

**Approve 20 credits of the offer*

Research Training Courses

**Passing the exam*

Qualifying Examination

**Approve 8 credits*

International Internship

**Approve 8 credits*

**Minimum duration of 3 months*

**Publish at least one international paper*

Doctoral Thesis

**Approve 58 credits*

Doctoral Thesis

**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.*

Vigilada Mineducación

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



Mayores informes

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