



UNIVERSIDAD
DE ANTIOQUIA
1803

Faculty of Agricultural Sciences

MAgro_n

Master in Agribusiness

SNIES: 104350



For the innovation and competitiveness of agriculture

MAgro_n

Master in Agribusiness

Dear Applicants::

"Our Agribusiness Master's program aims guiding professionals working in agrarian-related fields to establish appropriate relationships between the technical know-how and sound management practices and tools. This will contribute to the technological development, innovation and competitiveness of agribusiness in a globalized context, with corporate social responsibility. We gladly invite you to participate in this interesting intellectual challenge".

Coordination Team



Objective

The aim of our Master program in Agribusiness is to train professionals to become leaders in innovation, with a global vision and adaptability to the changing environment in which agricultural organizations are currently developing.



General information

Duration: Four semesters

Two modalities:

Deepening (evaluation of a particular problem or subject).

Research (the student develops an original research project).

Methodological strategy: On-site (classes are scheduled in campus)

Hours*:

Option 1: Fridays (from 5:00 PM to 9:00 PM) and Saturdays (from 8:00 AM to 2:00 PM)

Option 2: Mondays, Tuesdays and Wednesdays (from 6:00 PM to 10:00 PM)

*Opening is subject to a minimum number of students registered in each schedule.



Profile of the applicants:

Professionals determined to become successful leaders in agribusiness.



Profile of the graduates:

Our graduates will have the skills to manage innovative solutions for agribusiness organizations, with strengths in social responsibility, human values, and oriented to global markets. Graduates will have multidisciplinary knowledge aimed at developing entrepreneurial skills such as technology transfer, knowledge management, and adaptation to the ever-changing processes and innovation in agribusiness.



Differentiating factor:

The program focuses on interdisciplinary training. It is based on the expectations of the stakeholders, providing innovative solutions to issues inherent to agribusiness management, thus allowing admission of professionals with a variety of backgrounds.

Why study MSc in Agribusiness at the University of Antioquia?

- The university has been awarded as a high-quality institution by the Colombian government.
- Our faculty members have extensive experience and academic training in business.
- This is a joint program held by the Faculty of Agrarian Sciences and the Faculty of Economic Sciences.
- We have five of the top research groups ranked by the Colombian government (COLCIENCIAS): Biogenesis, GRICA, GaMMA, Applied Microeconomics, and Regional Studies (ranked A1, A1, A1, A1, and B, respectively).
- We have more than 15 years of work experience in advanced-training programs oriented to the technological development and competitiveness of Colombian agriculture.





Program Curriculum

The curriculum is based on three training axes: a basic axis in agribusiness management, which is regarded as the main axis of formation; a complementation axis, made up of subjects that strengthen professional competences and contribute to the training according to the deepening or research subject of the student; lastly, there is a Methodological axis that includes training in statistical management and activities related to each modality. The coursework includes:

Curriculum deepening modalitie

Training cycle	Subject	Number of credits		Proportion of credits (%)
Basic in agribusiness management	Agribusiness Strategy	3	12	22
	Agribusiness Finance	3		
	Marketing in Agribusiness	3		
	Management of investment projects on agribusiness	3		
Complementation	Agriculture economics	3	21	39
	Human resource management	3		
	Quality control and agricultural processes	3		
	Management of technology and agriculture innovation	3		
	Business and international logistics	3		
	Elective subject I	3		
	Elective subject II	3		
Methodological and deepening	Statistic analysis	3	21	39
	Deepening I	3		
	Deepening II	3		
	Deepening III	6		
	Deepening IV	6		
	Research work	0		
Credits		54		100

Curriculum research modalitie

Training cycle	Subject	Number of credits		Proportion of credits (%)
Basic in agribusiness management	Agribusiness Strategy	3	12	22
	Agribusiness Finance	3		
	Marketing in Agribusiness	3		
	Management of investment projects on agribusiness	3		
Complementation	Elective subject I	3	12	22
	Elective subject II	3		
	Elective subject III	3		
	Elective subject IV	3		
Methodological and research	Statistic analysis	3	30	56
	Multivariate Statistics	3		
	Research I	6		
	Research II	6		
	Research III	6		
	Research IV	6		
	Research work	0		
Credits		54		100



Areas of Emphasis

- **Agribusiness Technology and Innovation Management:** it aims to develop skills on applying the knowledge necessary for agro-business organizations to face the social, scientific, technical, economic and political changes resulting from the new global relations.
- **Agricultural Economics and Natural Resources:** issues related to decision making in the agricultural sector and renewable natural resources are analyzed using microeconomics and quantitative methods. These decisions relate to the optimal allocation of resources in a context of environmental sustainability.
- **Rural Development:** aimed to generate innovation processes by promoting rural extension with participatory methodologies and strengthening of networks. This line contributes to improving social capital and developing self-management capacities required to improve living conditions in rural areas.
- **Precision Agriculture and Biomodelling:** this line focuses on the application of quantitative methods to agricultural production systems.
- **Agro-industrial Systems:** it seeks to develop abilities to manage successful businesses in different agribusiness sectors.
- **Sustainable Production Systems:** studies management tools to optimize productivity in agricultural enterprises.
- **Quality and Safety Management:** it studies safety as a subject of sanitary importance in public health, regarding it as a fundamental attribute of food quality. It is generated in primary production and transferred to other phases of the food chain such as processing, packaging, transportation, marketing, preparation and consumption of the product.
- **Financial Management:** it includes issues related to accounting and financial information systems, and its applications in agriculture and agribusiness.
- **Strategies on Agrarian Competitiveness:** it studies the internal and external variables or forces that affect agricultural organizations with the objective of formulating strategies aimed at increasing competitiveness of this sector.
- **Environmental Management:** it studies management tools to develop and promote sustainable production alternatives.



Faculty members

- Mauricio Alviar PhD Agricultural Economics.
- Cristina López PhD Industry and Organizations
- Fernando José Restrepo Doctor of Philosophy
- Holmes Rodríguez PhD Agriculture
- Carolina Peña PhD Engineering and Food Science
- Dursun Barrios MSc Administrative Engineering
- Harold Cardona MSc Rural Development
- Robinson Garcés MSc Economics
- Francisco Restrepo MSc Human Talent Management
- Silvia Alejandra Pérez MSc Environmental Engineering
- Gloria Ríos MSc Administrative Engineering
- Sergio Arango MSc Administration
- Carlos Vélez MSc Management Sciences
- Gustavo García MSc en Administration



Admission requirements

- Application to the program and payment of registration fees.
- Resume (including proof of claims such as work experience, research experience, attendance to professional meetings or courses, first page of scientific publications, scholarships, awards, etc.), certified undergraduate grades, and certificate of degree or diploma.
- Writing of an academic essay (on a subject given by the potential tutor at the Agribusiness Master's program).



Investment

Tuition fee is 10 monthly minimum wages per semester (Colombian minimum wage).



Degree requirements

- Approval of all the credits of the courses in the curriculum.
- Approval of the research work.
- To enroll in the second semester students are required to pass a reading comprehension test (in English) or approval of a course on reading competence offered by the Language School of the University of Antioquia.





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Facultad de Ciencias Agrarias

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