Ing. Agr. Alberto Soriano Graduate School (EPG)

Universidad de Buenos Aires-Facultad de Agronomía

Authorities

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Student Technical Secretary: Mrs. Mabel Bressán
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General Information

Mission

The mission of the Ing. Agr. Alberto Soriano Graduate School (EPG, according to its initials in Spanish) is to enhance the intellectual life of the university by enabling graduate and professional students to undertake scholarly study and advanced research and to prepare for professional work in the field of the Agricultural Knowledge, Science and Technology System (AKST).

Aims

EPG aim is to enable curious, creative, and critical thinkers who work both independently and collaboratively, pursue answers to significant questions, challenge assumptions, and exercise ethical responsibility in the discovery and dissemination of new knowledge in their field of expertise. The graduate school also seeks to provide students with insights and techniques for the development of new scientific and technical knowledge, applicable to the production, services, industrialization and commercialization of agricultural products. EPG is devoted to strengthen students 'competencies with state-of–the-art and cutting-edge knowledge and skills to meeting the changing needs of society in the AKST.

Strategy

EPG responds to the current demands of the agricultural sector with a wide range of programs for the training of both researchers and professionals.

Resources

EPG has about 500 professor researchers in its teaching and research team, and is one of the largest professional teams with the greatest skills and agricultural knowledge expertise in Argentina. Our graduates have relevant positions in national and international research and academic centers, in public administration, and in the most important agricultural companies in Argentina and abroad. The School has access to laboratories and experimental fields through research grants, technology development agreements with public or private parties, and it also has its own laboratories and experimental fields.

Annually, EPG delivers more than 200 courses in 28 programs. About 190 Drs, 483 M.Sc.s, 420 specialists have graduated from it and there are hundreds of graduates from update courses. About 40 publications from thesis and final work are published in prestigious, peer-reviewed international research journals annually.

All graduate programs, counseling and staff assistance activities are centered in the main EPG building located on the School of Agronomy campus, where students may use its facilities for experimental work located at the same campus, or the experimental fields at San Pedro, Carlos Casares and Laprida (Buenos Aires Province).

The Central School of Agriculture Library services are available for students. They can access its bibliographical data bases (CABI, Agris, Current Contents, Biological Abstracts, EconLit and EBSCOhost, Scopus) and subscriptions to the main research journals.

Flexibility and orientation
Students can take courses without being enrolled in a program in EPG. Also, the M.Sc.s and Drs offer flexibility in creating an individually tailored study program for each student (non-structured programs).Orientation on the most convenient study options can be sought from program directors. Additionally, in most programs students have one or more tutors to guide them in their studies.

EPG is chaired by a Director and an Academic Committee made up of researchers and professionals from the academic and the professional world, Program Directors, and two EPG students. Program Directors can be assisted by a Sub-director. Administrative Staff is managed by the Technical, Academic and Student Secretary Offices.

Brief History
EPG is part of the Buenos Aires University School of Agriculture (Facultad de Agronomía) which has been training professionals and developing knowledge for the agricultural sector for more than a century. Alberto Soriano, an Agricultural Engineer, founded the EPG together with a group of people who are still collaborating in the project. The EPG has had a great initial drive given by INTA (National Institute of Agricultural Technology). With his personal example, the seeking of alliances, the investment of enormous amounts of time, effort and inventiveness, Soriano sustained and promoted a process that began with some informal courses for graduates at the beginning of the 80s. As of 1984, the degree of Magister Scientiae was conferred in five programs. The School was formally created in 1987 and Alberto Soriano was its first Director. Some years later, new M.Sc.s were launched, together with a specialization program and the Doctoral Program.
EPG has continued growing and each year new programs demanded from the agricultural sector are included. The Program Directors have played a relevant role and have been the main promoters of EPG growth since its beginning. In sum, EPG is the result of hundreds of researchers and students that, benefiting from a slim administrative and organizational structure, undertake a crucial task for the enhancement of education, research and technological development of the agricultural, agri-food and agri-industrial sectors in Argentina.

EPG Graduate Programs

- DOCTORAL DEGREE IN AGRICULTURAL SCIENCES

- MASTER`S PROGRAMS
  - Agribusiness
  - Biometrics and Breeding
  - Soil Sciences

Rural Development
Agricultural Economy
Animal Production
Plant Production
Natural Resources
Biological and Agricultural Teaching

- SPECIALIZATIONS
  Food and Agribusiness
  Agricultural Biotechnology
  Grain Crops
  Rural Development
  Soil Fertility and Fertilizing
  Development and Evaluation of Agricultural and Agro industrial Projects
  Environmental Management in Agri-food systems
  Beef Value Chain Management
  Health and Safety in Agricultural work
  Rangeland Management
  Soil and Crop management under No-tillage Systems
  Agricultural Mechanization
  Plant Breeding
  Negotiations and International Trade in Agro-industries
  Argentine Dairy Production Systems
  Remote Sensing and Geographic Information Systems Applied to the Study of Natural Resources and Agricultural Production
  Rural Tourism

- UPDATE COURSES
  Grain Crops
  Soil Fertility and Fertilization
  Soil and Crop Management Under No-Tillage System
  Plant Breeding
  Interdisciplinary Management and Negotiation

- GRADUATE COURSES
  Food and Agribusiness Advanced Management Program Courses
  Agri-Food Foreign Trade Advanced Management Program

- INDIVIDUAL COURSES

Students may attend courses without being enrolled at any of EPG specific programs. They may contact either the Director of one of the programs or the EPG Graduate School Director for guidance.

GENERAL INFORMATION

DOCTORAL PROGRAM	MASTER`S PROGRAMS	SPECIALIZATIONS	GRADUATE PROGRAMS	UPDATE COURSES
544 hours Length of course: 4-5 years Graduate Thesis	704 hours Length of course: 2 years Graduate Thesis	368 hours Length of course: 1 year Final Integration Paper	240 hours Final Paper	A minimum 128 hour-course Group Presentation
Doctor, UBA	Magister Scientiae, UBA	UBA Specialist	Certificate awarded by the School of Agriculture of the University of Buenos Aires.	Certificate awarded by the School of Agriculture of the University of Buenos Aires

DOCTORAL PROGRAM

The Doctoral Program in Agricultural Sciences offers research training which allows graduates to develop state-of-the art and cutting edge knowledge within Agricultural Sciences. The Doctor degree is awarded to students who satisfactorily comply with course requirements, complete an extended research program, and submit and successfully defend a thesis or doctoral dissertation contributing to the advance in the Agricultural Knowledge, Science and Technology (AKST) System. The average length of a Doctoral Program is 5 years. Upon program completion, graduates earn a Doctor degree awarded by the University of Buenos Aires.

MASTER´S PROGRAMS

Master`s programs allow graduates to identify, tackle and troubleshoot problems addressed by their disciplinary areas. Degrees are awarded after having attended the necessary courses (34-38 credits), completed supplementary activities, as well as successfully defended a research-based thesis.
Courses may be attended either at EPG or in other institutions. The thesis and publications are paramount in the learning process. The success in these initiatives depends greatly on the thesis candidate´s advisory committee. The appointment of this committee is regarded as an issue of utmost significance by the EPG and its members are required to have vast experience in graduate training and mentoring. The length of a Master`s program for a full-time student is 2-3 years. Upon completion, graduates earn a Magister Degree awarded by the University of Buenos Aires.

SPECIALIZATIONS

The purpose of the specializations is to provide graduates with training and enhancing their professional skills at a specific disciplinary field. Its courses may be taken during an intermediate stage of the academic learning, aiming at the completion of a higher education cycle.

GRADUATE PROGRAMS

The EPG offers Update Courses on specific themes for actively involved professionals. Degrees are awarded by the School of Agriculture of the University of Buenos Aires.

UPDATE COURSES

EPG offers Update Courses on specific themes for professionals who wish to keep up to date with the latest developments in their professional fields. The total number of class hours to be completed in these courses is 128.

PROGRAM ACCREDITATION

The National Commission for University Evaluation and Accreditation (CONEAU, by its Spanish acronym) is an autonomous organization which carries out the evaluation and accreditation of all Argentine universities and graduate programs The Doctoral and Master`s degree programs as well as the specializations are duly accredited and classified under categories in keeping with the expressly determined guidelines and evaluation procedures. The programs may have any of the three CONEAU prospective categories: non-accredited, accredited with no category status, or accredited with a category status. The categories assigned may be: A (outstanding), B (very good) or C (good). All courses in EPG are fully-accredited or pending, six having been awarded the maximum category.

	Category
• Doctoral Program	A
• Master`s Programs	
Soil Sciences	A
Plant Production	A
Natural Resources	A
Biometrics and Breeding	B
Rural Development	B
Agribusiness	Accredited
Agricultural Economy	Accredited

Animal Production	Accredited
• Specialization Programs	
Agribusiness and Food	B
Agricultural Biotechnology	Pending
Grain Crops	A
Rural Development	B
Soil Fertility and Fertilizing	B
Development and Evaluation of Agricultural and Agri-industrial Projects	Accredited
Environmental Management in Agri-food Systems	B
Beef Value Chain Management	C
Health and Safety in Agricultural Work	B
Pasture Systems Management	Accredited
Soil and Crop Management under No-tillage Systems	B
Agricultural Mechanization	C
Plant Breeding	A
Negotiation and Foreign Trade in Agri-industries	Accredited
Argentine Dairy Production Systems	C
Remote Sensing and Geographic Information Systems Applied to the Study of Natural Resources and Agricultural Production	B
Rural Tourism	Accredited

Further information available at: www.uba.ar/epg / • Call Phone/Fax Nº +54-11-4524-8004 or +54-11-4524-8065 or email us at epg@agro.uba.ar

DOCTORAL PROGRAM IN AGRICULTURAL SCIENCES

CONEAU Category: A. Resolution Nº165/12.
Official Validity recognized by Ministry Resolution Nº645/11.
Director of the Doctoral Program Commission: Flavio Gutiérrez Boem, Dr (gutierre@agro.uba.ar)

The aim of the Doctoral Program in Agricultural Sciences is to offer training to researchers in the development of cutting-through knowledge in Agricultural Sciences. Degrees are awarded to students who satisfactorily comply with course requirements, complete an extended research program, and submit and successfully defend a thesis or doctoral dissertation contributing to the advance in the AKST System.

The required number of courses equals 34 credits[1] (544 hours). When requesting admission for the Doctoral program, students shall submit a study plan as well as a research proposal –previously authorized by their Advisory Committee or their Thesis Director– to the Doctoral Program Committee.
The expected total length of the Doctoral Program is 4-5 years.

Doctoral Program Courses
Students shall take 34 credits in courses taught at either EPG (see the list of different courses available) or in other institutions.

MASTER`S PROGRAM IN AGRIBUSINESS

CONEAU Resolution Nº11.460/13 and session 405/14; Official Validity recognized by the Argentine Ministry of Education. Resolution 2942/15.
Directors: Sebastián Senesi, Agr.Eng, MA (agroneg@agro.uba.ar)/ Evangelina Dulce, Agr Eng. MA.

770 contact hours
Program Length: 2 years
Thesis submission and defence
Degree: Magister Degree in Agribusiness awarded by the University of Buenos Aires
Master`s Program in Food and Agribusiness: awarded since 1999
Master`s Program in Agribusiness: awarded since 2014

The Master`s Program in Agribusiness is aimed at the building of skills for competitive management in the food and agricultural sector. It primarily focuses on creating a space for developing; disseminating and applying key knowledge that will allow its participants to better transform comparative advantages into competitive ones in the fields of producing, processing and trading agricultural products. Moreover, the contribution of our students to the global agri-food system will be to create and maintain environmentally, socially and

[1] One credit equals 16 hours

economically sustainable competitive advantages for the sake of meeting the socio-economic demands of our growing population. The foregoing activities are assessed based upon different viewpoints comprising: the institutional, organizational and technological environments as well as the business context. Therefore, business is addressed by taking into account its connection to society.

Courses of the Master´s Program in Agribusiness

Levelling Courses on Microeconomics
Levelling Courses on Applied Statistics
Levelling Courses on Capital Markets and Financial Engineering
Microeconomics
Macroeconomics
Agribusiness Economics and Management
Strategic Management and Business Planning
Marketing and Communication
Accounting and Financial Information
Project Development and Evaluation and Risk Analysis
Capital Markets and financial engineering
Negotiation
Organizational Analysis
Quality Management in Food and Agribusiness
Commodities
Specialties
Agri-food Logistics and Distribution
Competitiveness in Agribusiness
International and Mercosur Food and Agriculture Scenario
Applied Statistics
Foreign Trade
Thesis Design
Agribusiness Seminars
Thesis Preparation Activities
Strategies for ICT and Operations and Information Systems

Professors[2]

Pérez San Martín R., M.A in Food and Agribusiness (UBA)
Senesi S., M.A in Food and Agribusiness (UBA)
Palau, H. M.A in Food and Agribusiness (UBA)
Dulce, E., M.A in Food and Agribusiness (UBA)
Toranzos Torino G., PhD in Agricultural Sciences (UBA)
Lema, D., Dr in Economics (UCEMA)
Pérez Enrri D, PhD in Economic Policy (Harvard University)
Bloch R., M.A in Argentine Culture (INAP)

[2] In brackets, University of graduate title

Altieri, C. M.A in Business Administration (UBA)
Oesterheld, M, PhD in Biology (Syracuse University, USA)
Erpen M., Capital Markets Specialist (UBA)
Erize E., Bachelor in Business Administration (UCA)
Regúnaga M., M.A in Agricultural Economics (UBA)
Faranda O., Chartered Accountant (UB)
Lorenzatti, Santiago. M.A in Food and Agribusiness (UBA)
Bircher M., Graduate degree in International Marketing and Foreign Trade (UB)
Ameri C., Veterinary Physician (UBA)
Napolitano G., Agr. Eng (UNMdP)
Perelman S., Magíster Scientiae in Biometrics (UBA)
Viegas J.C., Chartered Accountant (UBA)
Donofrio, P. Chartered Accountant (UBA), Graduate Degree (from UBA and AUSTRAL Universities)
García Fronti I., Ms Sc. in Education Technology (Salamanca University)
Artopoulos, A., M.A in Information Technology (Catalunya University)
Ojeda H., PhD and M.A in Social Sciences (FLACSO)
Garat, S. Sociologist, Negotiation Specialist (UBA)
Decio Zilbersztajn, Sub-director (San Pablo University PENSA, Brazil)
Francesco Braga. PhD (Guelph University, Canada)
Mike Cook, PhD (Missouri University, USA)
Peter Zuurbier, PhD (Wageningen Ag. University, Holland)
Allan Gray, PhD (Purdue University, USA)
John Nichols, PhD (Texas A&M, USA)
Marcos Fava Neves PhD (San Pablo University - PENSA, Brazil)
Jacques Trienekens, PhD (Wageningen Ag. University, Holland)

MASTER´S PROGRAM IN BIOMETRICS AND BREEDING

CONEAU Category: B. Resolution N° 096/12
Official Validity Recognized by Ministerial Resolution Nº1328/12 and 571/16
Director: Rodolfo Juan Carlos Cantet, Sub-director. (rcantet@agro.uba.ar)
Sub-director: Sebastián Munilla Leguizamón, Dr.

The purpose of the Master´s Program in Biostatistics and Breeding (PBB) is to provide students with a graduate degree in biology or agriculture, training in statistics and quantitative breeding so that they can undertake independent research projects in bio statistical methods related to quantitative genetic analysis of animals and plant species, statistical genetics, the design of agricultural experiments and statistical ecology. Graduates are expected to quantitatively assess research in agricultural, biological and social sciences and to cooperate with researchers engaged in interdisciplinary studies, using statistical approaches.
Unlike many other programs dealing with genetics and breeding from Argentina and South America that are more akin to molecular and experimental breeding, students and graduates from the PBB are involved in quantitative genetic evaluation with large datasets. Students may choose to either take up a bio statistical specialization or the application of linear

models for the prediction of breeding value and the evaluation of selection response. In the first year students of both specializations attend to similar courses, whereas during the second year different courses are offered in both areas. Usually students complete all program requirements in 24 to 36 months, and spend the first 15 to 18 months taking courses, including an initial semester of Calculus and Linear Algebra.

Courses of the Master´s Program in Improvement and Biometrics

Specializations
I) Statistics
II) Quantitative Breeding Methods

1. Mandatory Courses[3]
For both specializations:
Mathematical Statistics I (6)
Linear Models (8)
For the Specialization in Breeding:
Application of Mixed Models to Animal and Plant Genetic Evaluation (6)

2. Electives Courses
Linear Algebra I and II (4 credits each)
Bayesian Methods in Animal Breeding (2)
Linkage Analysis and Genetic Mapping (4)
Survival Analysis (2)
Analysis of Variance (4)
Calculus I and II (4 credits each)
Multivariate Analysis 6)
Descriptive Multivariate Analysis in Biological and Social Sciences (2)
Experiments Design (4)
Advanced Experimental Design (4)
Quantitative Genetics (6)
Population Genetics (6)
Statistical Genomics (2)
Introduction to Time Series (3)
Application of Spatio-Temporal Analysis (2.5)
Repeated Measures (2)
Statistical Methodology (8)
Non-parametric Methods and Categorical Variables Analysis (2)
Linear Mixed Models (6)
Preparation and Publication of Scientific Papers
FORTRAN Programming of Statistical Models (4)
Linear Regression (6)
Non-parametric Regression (2)

[3] Number of credits in brackets

Mathematical Statistics II (8)
Advanced Topics in Biometrics (4)
Special Topics in Methodology (4)

Professors

Nidia Abbiati, M.Sc. (UBA);
Norberto Bartoloni, M. Sc. (UBA);
Teresa Boca, M.Sc. Dr. (UBA);
Rodolfo Cantet, M.Sc. PhD (Univ. of Illinois);
Pablo Cipriotti, Dr. (UBA)
María del Cármen Fabrizio M.Sc. Dr. (UBA);
Lucas Garibaldi, Dr. (UBA);
Daniel Gianola, PhD (Univ. of Wisconsin);
María Virginia López, M. Sc. (UBA)
Sebastián Munilla, Dr. (UBA);
Susana Perelman, M. Sc. (UBA);
Ana Pereyra, M. Sc. (Virginia P.I. & S.Univ.);
Eduardo Rienzi, PhD (University of Kentucky)
Zulma Vitezica, Dr. (Institut National Agronomique Paris-Grignon).
Priscila Willems, Dr. (Salamanca University)

MASTER`S PROGRAM IN SOIL SCIENCES

CONEAU Category: A. Resolution N° 667/11
The degree of this Master`s Program is officially recognized and has been granted national validity
Ministerial Resolution Nº1719/10, 1714/11 and 1571/15.
Director: Celio Chagas, Dr. (chagas@agro.uba.ar)

The Master`s Program in Soil Sciences has been designed to meet the students´ individual goals and interests and to concurrently provide them with sound knowledge foundations regarded as vital to grasp an understanding of the soil system. The Program is primarily focused on training in soil science specific areas such as chemistry and soil fertility, soil management and conservation, surveying and mapping, environment and soil quality, among others. Prior to the starting date of this program, candidates are expected to comply with the Master`s Program Coordination Department level requirements.

Courses of the Master´s Program in Soil Sciences

1. Update Courses
Introduction to Soils Study
Specializations:
I) Soil Fertility

II) Soil Management

2. Compulsory Courses
Specialization: Soil Fertility:
Statistical Methodology (8)
Soils Chemistry (8)
Specialization: Soil Management:
Soil Physics (8)
Statistical Methodology (8)

3. Electives Courses
Soil Analysis and Fertility Diagnosis (6)
Soil Bio Indicators: Nematodes, Arthropods and Mycorrhizal Fungi (4)
Soil Biochemistry (3)
Land Degradation in Fluvial Landscapes: Humid and Semi-Arid Basins (4)
Soil Microbial Ecology (4)
Groundwater and its Use in Supplementary Irrigation (4)
The Role of Soil Organic Contents in Land Ecosystems and its Relationship with Environmental Conservation (4)
Land Use Evaluation and Planning (4)
Soil Fertility and Use of Fertilizers (6)
Soil Physics (8)
Pollutants Flow and Management in Agri-Systems (4)
Soil Genesis (6)
Soil Quality Microbial Indicators: Relevance, Assessment and Management in Agricultural Systems (4)
Soil Mineralogy and Micromorphology (4)
Soil Morphology and Classification (6)
Preparation and Publication of Scientific Papers
Soil Biological Processes (6)
Soil Degradation Physical Processes (6)
Water Sediments Chemistry (4)
Soil Chemistry (6)
Soil-Plant Relationship (8)

Professors

Roberto Álvarez, Agr. Eng (UBA)
Ricardo Berbara, PhD (University of Dundee)
Germán Bollero PhD (University of Illinois)
Roberto Casas, M. Sc. (UNLP)
Marta Conti, M.Sc (UNLP)
Olga Correa M.Sc., (UBA)
Alejandro Costantini, PhD (UFRRJ)
Celio Chagas, Dr (UBA)
María Dos Santos Afonso, Dr (UNLP)
Griselda Galindo, Dr (UNT)

Juan Gallardo Lancho, PhD (University of Salamanca)
Jay Garland, PhD (University of Virginia)
Lidia Giuffré, M.Sc. (UBA)
Flavio Gutierrez Boem, PhD (University of Kentucky)
Olga Heredia, M.Sc (UBA)
Perla Imbellone, B.A in Geology (UNLP)
Raúl Lavado, Agr. Eng. (UBA)
Liliana Marbán, Agr. Eng. (UBA)
Rodolfo Mendoza, Agr. Eng (UBA)
Roberto Michelena, M.Sc (University of Los Andes)
Silvia Miyazaki, PhD (University of Kyoto)
Héctor Morras, Dr (University of París VII)
Paolo Nannipieri, PhD (University of Pisa)
Stella Navone, M.Sc. (UBA)
Martha Palma, M.Sc. (UBA)
Silvia Ratto M.Sc. (UBA)
Eduardo Rienzi, M.Sc. (UBA)
Gerardo Rubio, Dr (UBA)
Oscar Santanatoglia, Agr. Eng (UBA)
Claudia Sainato, Dr (UBA)
Miguel Taboada, Dr (Toulouse)
Rosa Torres Sánchez, Dr (UBA)
Elena del Valle Gómez, Dr (UBA)
Diego Cosentino, Dr (Agroparistech)
Alicia F. de Iorio, Dr (University of Vigo)
Alberto Quiroga, Dr (UNS)
Massobrio, Marcelo Juan, Dr (University of Vigo)
Lavado, Raúl Silvio, Agr. Eng. (UBA)
Ciarlo, Esteban Ariel - Dr (UBA)
Fernández, Patricia Lilia, Dr (UBA)
Castiglioni, Mario Guillermo, Agr. Eng. Mg.Sc. (UBA)
Moretti, Lucas Martín, Dr (UNC)
Zubillaga, Marta Susana, Dr (UBA).

MASTER´S PROGRAM IN RURAL DEVELOPMENT

CONEAU Category: B. Resolution Nº: 595/12
Official Validity recognized by Ministerial Resolution Nº 149/11 and 2/17.
Director: Cynthia Pizarro, Dr. (cpizarro@agro.uba.ar)

The purpose of this program is to offer training to candidates in the areas of research and management of complex Rural Development issues. An introduction to the social sciences is provided as well as an understanding of various agriculture production systems. It focuses on training researchers with the needed sound scientific foundations and abilities to analyse outstanding problems and the social actors and processes involved, in order to

produce critical knowledge and to set the basis for grounded decision makings. Priority is given to a social approach suitable for tackling issues which cannot only be solved from a technical-productive point of view, but from a comprehensive theoretical and methodological standpoint.

Courses of the Master´s Program in Rural Development

1. Compulsory Courses
Sustainability of Agri-ecosystems (6)
Rural Sociology (6)

2. Elective Courses
The Territorial Turn: Proposals and Debates on Rurality (2,5)
Rural Workers (3)
Social and Political Mediations in Rural Areas (2,5)
Qualitative Methods in Social Science Research (3)
Agricultural Organizations and Institutions (2,5)
Agricultural Social Subjects in Changing Territories (2,5)
Social Theory and Rural Studies (2,5)
Anthropology of Environmentalism (2,5)
Sociology of Rural Development (4)
Thesis Workshop 1 (No credits awarded)
Thesis Workshop 2 (No credits awarded).

Professors

Aparicio, Susana, MSc. (FLACSO)
Arzeno, Mariana, Dr. (UBA)
Barsky, Andrés, Dr. (University of Barcelona)
Benencia, Roberto, MSc. (FLACSO)
Castro, Hortensia, Dr. (UBA)
Cowan Ros, Carlos, Dr. (Universidade Federal Rural do Rio de Janeiro, Brasil)
Feito, María Carolina, Dr. (UBA)
Flood, Carlos, Dr. (UBA)
Ghersa, Claudio , Agr. Eng. (UBA)
Gras, Carla, Dr. (UBA)
Neiman, Melina, Dr. (UBA)
Nussbaumer, Beatriz, Dr. (Humboldt University of Berlín)
Pizarro, Cynthia, Dr (UBA)
Quaranta, Germán, Dr. (University of Córdoba, Spain)
Sevilla Guzmán, Eduardo, Ph. D. (University of Reading, England)

MASTER´S PROGRAM IN AGRICULTURAL ECONOMY

CONEAU Accredited - Official Validity recognized by Ministry Resolution 2159/15. Director: Liliana Pagliettini, Dr. (pagliett@agro.uba.ar); Sub-director: Patricia Lombardo, Dr. (patricia@agro.uba.ar)

The contents of this Master`s program are intended to provide graduates with experience in economic theory and to offer them training in the use of empirical research methods and techniques for agricultural economics and politics. Therefore, students are equipped with tools so that they may become engaged in the design of agricultural policy tools, in the adoption of economic decisions as well as in academic work related to Agricultural Economics and Politics.

Courses of the Master`s Program in Agricultural Economy

Update Activities, Statistical Methods, Mathematics, Productive Systems and Agri-industrial clusters, Introduction to Economics

1. Compulsory Courses
Mathematics for Economists (3)
Quantitative Methods (3)
Economic Theory (3)
Macroeconomics (3)
Economy of Agri-industrial Complex (3)
Agricultural Policy I (3)
Agricultural Policy II (3)

2. Electives Courses
Agricultural Economic Development (3)
Operational Research (2)
International Scenario and Foreign Trade (1,125)
Design and Assessment of Agricultural Development Initiatives (2)
Rural Sociology for Agricultural Economists (2,5)
Economic Approaches to Environmental Issues (2)
Background and Current Status of the Agricultural Sector. An Approach to Social and Economic Drivers (2)
Foreign Trade (2.18)
Economic Assessment and Follow-Up (1,5)
Livestock Activity Economic Drivers (2)
Environmental and Natural Resources Economics (2)
Research Methods and Techniques (2)
Preparation and Publication of Scientific Papers
Foreign Trade Theory and Instruments

Professors

Patricia Lombardo, Agr. Eng, Dr (UBA)
María Isabel Tort, MSc. (UBA, FLACSO)
Martín Oesterheld, Agr. Eng. Dr
Mabel García Agr.Eng. MSc. (UTN)
Liliana Pagliettini Agr. Eng, Dr, (UBA)
Jorge Domínguez Agr. Eng. MSc. (UBA)
Ana Silvia Vilker, Lic. (UBA)
Hugo Delfino, Specialist (UBA)
Diego Fernández, Lic Dr (UBA)
Roberto Bisang, Lic. MSc. (CEMA)
José Portillo, Agr. Eng. MSc. (UBA)
Claudia Natenzon, Lic Dr (University of Sevilla)
Pedro Castillo, Agr. Eng. MSc. (UBA)
Carlos Carballo Agr. Eng. MSc. (UBA)
Eduardo Azcuy Ameghino, Lic. Dr (UBA)
Juan M. Graña, Lic. Dr. (UBA)
Damián Kennedy, Lic. Dr. (UBA)
Javier Lindenboim Lic. MSc. (Torcuato Di Tella Institute)
Pedro Tsakoumagkos Lic. MSc. (FLACSO)
Gabriela Martínez Dougnac, MSc. (International University of Andalucía)
Javier Marenco. Lic. Dr. (UBA)
Carla Gras, Lic. Dr (UBA)

MASTER´S PROGRAM IN BIOLOGICAL AND AGRICULTURAL TEACHING

CONEAU Category: CN. Resolution Nº182/12 adopted by the National Agriculture Labour Committee
Director: María Cristina Plencovich, Dr (For queries email us at mbressan@agro.uba.ar)

736 contact hours
Years of study: 2
Sandwich Course
Thesis defence and submission
Degree: M.A in Biological and Agricultural Teaching, University of Buenos Aires
Awarded since 2004

This Master`s program is primarily (though not solely) aimed at agriculture and biology professionals as well as professors and technicians holding teaching positions at agricultural schools. It focuses on the development of pedagogical and technological skills for teachers in agricultural schools and for the design of agricultural research projects which may enable the establishment of links across schools and deal with the problems faced at local, regional and national levels.

Curriculum Structure

Core subjects
Pedagogical-Didactic Courses
Technological Courses
Epistemological Courses
Sociological Courses
Historical, Political and Economic Courses
Research Courses
Technological and Teaching Practice Courses
Tutorials Taught at The School of Agriculture

Professors

Alejandra Ayala Torales, M.Sc., (UBA)
Roberto Benencia, M.Sc (FLACSO)
Ricardo Berbara, PhD (University of Dundee, UK)
Ana Bocchicchio, B.A; Specialist (FLACSO)
Claudia Bogosian, Agr. Eng. (UBA)
Christophe Albaladejo, Dr (INRA, France)
Juan Carlos Bregy, B.A (FEDIAP)
Marie-Heléne Bouillier-Oudot, Dr (ENFA, Toulouse, France)
Alejandro Costantini, Dr (UFRRJ, Brasil)
Gabriel de Araújo Santos, M.Sc. Dr (Toulouse University, France)
Aída Lucía Longo de Tomasini, M.Sc (UBA)
María Cristina Plencovich, M.A. Dr (UBA, PG, UNC) M.A (UNAM)
Pilar Pozner, B.A (MEC– OEI)
Lidia Galagovsky, Dr (UBA)
Valeria Schindler, M.Sc. (UBA)
Jorge Paruelo, PhD (Colorado State University)
Fernando Vilella, Agr. Eng (UBA)

MASTER´S PROGRAM IN ANIMAL PRODUCTION

CONEAU Accredited, session 411/14.
Director: Gabriel Capitelli, Med. Vet.; Lic. Psicología; Dr. (UBA),
Sub-director: Gustavo Jaurena, Ing. Agr.; M.Sc.; Sub-director. (University of Wales, United Kingdom) (gjaurena@agro.uba.ar)

The program focuses on the training of researchers and professionals qualified in the field of animal production systems and also address productive, environmental, economic, business, social and ethical issues.
This Master`s program is an interdisciplinary initiative, flexible and dynamic enough to suit to all participants´ needs as well as to future demands of the agricultural sector. Its core purpose is to provide animal production professionals with academic and scientific training

while seeking to promote the practice of skills intended to put forward, develop and manage research projects with technological and scientific quality and an adequate social sense.

Courses of the Master´s Program in Animal Production

1. Compulsory Courses (12 Credits)
Animal Production Systems (4)
Fundamentals of Ethics and Animal Welfare (2)
Molecular Bases for Animal Science (2)
Statistical Tools (4)

2. Electives (Non-restrictive list; A 22-credit requirement has to be complied)
Advanced Topics in Animal Science (32 hs)
Analysis of Variance (4)
Animal Biotechnology: Scope of Application in Health and Improvement Areas (2)
Animal Feeding Systems (3)
Animal Genetic Improvement (2)
Animal Growth and Development (2)
Animal Health (2)
Animal Responses to Environmental Stresses (2)
Aquatic Production Systems (2)
Bases of Biotechnology of Domestic Animal Reproduction and Advances in Wild Species (3)
Beef and Cattle Quality (2)
Beef Cattle Breeding and Reproductive Management (2)
Cryopreservation of Gametes (3)
Design of Experiments (2)
Epidemiology (3)
Nutrients, Water and Energy Flow in Animal Production Systems (2)
Forage Conservation (3)
Forage Production and Management (3)
Introduction to Molecular Genetics (4)
Linear Algebra (4)
Linear Regression Analysis (6)
Livestock Economic Indicators (2)
Molecular and Bio-informatic Diagnostic Techniques in Animal Virology (5)
Nutritional Assessment of Animals´ Feedstuffs (3)
Ruminant Nutrition (4)
Safety of Meat and Meat by-products (1)
Simulation Models in Animal Science (3)
Swine Nutrition and Management (2)
Thesis Workshop (2)
Veterinary Biotechnology (5)

Professors (Non-restrictive list)

Martín Aguiar, PhD (Colorado State Univ., USA)
José I. Arroquy, PhD (Kansas State University, USA)
Alejandra Ayala Torales, M.Sc.. (UBA, Argentina)
Rolando Barahona Rosales, PhD (Univ. Of Wales, UK)
Lance Baumgard, PhD. (Cornell Univ., USA)
Carlos Blanco, Dr (UBA, Argentina)
María B. Boveri, Dr. (UBA, Argentina)
Andrea Nilda Calzetta Resio, Dr. (UBA, Argentina)
Rodolfo J. C. Cantet, PhD (Univ. Of Illinois, Urbana-Champaign)
Gabriel Capitelli, Dr. (UBA, Argentina)
Darío Colombatto, PhD (Univ. Of Reading, UK)
Osvaldo Jorge Degregorio, Dr. (UBA, Argentina)
Cristian Rodolfo Feldkamp, PhD. (Humboldt-Universität Zu-Berlin, Germany)
Rafael Fernández y Martín, Dr. (Univ. de Sevilla, Spain)
Héctor Ricardo Ferrari, Dr. (Univ. Nacional de La Plata, Argentina)
Mariana Galicio, M.Sc.. (UBA, Argentina)
Martín Fabio Garbulsky, Dr. (Univ. Autonoma de Barcelona, Spain)
Mabel García, M.Sc.. (UTN, Argentina)
Susana Gil, Dr. (UBA, Argentina)
María Alejandra Herrero, Dr. (UBA, Argentina)
Gustavo Jaurena, PhD (Univ. of Wales, UK)
Daniel Lombardo, Dr. (UBA, Argentina)
Marcelo Horacio Miragaya, PhD (Univ. of Idaho)
Marcela Martinez Vivot, Dra. (UBA, Argentina)
Gabriel Alejandro Morales, Dr. (Univ. de Las Palmas de Gran Canaria, Spain)
Juan J. Grigera Naon, PhD (Univ. of Reading, UK)
Sebastián Munilla Leguizamón, Dr. (UBA, Argentina)
Adrián Ángel Mutto, Dr. (Univ. Nacional de San Martín)
José A. Nasca, Dr. (UBA, Argentina)
Liliana Pagliettini, Dr. (UBA, Argentina)
John Patience, PhD (Cornell Univ., USA)
María Cristina Plencovich, Dr. (Univ. Tres de Febrero, Argentina)
Adriana Rodríguez, Dr. (UBA, Argentina)
Daniel Salomone, PhD. (Univ. of Massachusetts, USA)
María Cristina Saucede, PhD (Justus Liebig- Univ. of Giessen, Germany)
Alejandro Schor, M.Sc. (Univ. Nacional de Mar Del Plata, Argentina)
Marisa Wawrzkiewicz, Dr. (UBA, Argentina).

MASTER´S PROGRAM IN PLANT PRODUCTION

CONEAU Category: A.
Official validity recognized by Ministerial Resolution Nº 1351/11 and 2741/16.
Director: Gustavo Striker, Sub-director (striker@agro.uba.ar)

The purpose of this Master`s program is to provide training to professional technicians, researchers and teachers to pinpoint and effectively solve moderately complex problems involving issues related to plant production, plant breeding and crop protection. The levels

of organization studied range from molecular issues to crop production systems, including annual and perennial crop species as well as weeds, pests and diseases, in both, intensive and extensive production systems.

Courses of the Master´s Program in Plant Production

Specializations:
I) Extensive Crops
II) Intensive Crops
III) Plant Genetics
IV) Crop Protection

1. Mandatory Courses
Specialization: Extensive Crops.
Crop Ecophysiology (8)
Seed Ecophysiology (6)
Statistical Methodology (8)

Specialization: Intensive Crops.
Crop Mineral Nutrition (4)
Fruit Tree Ecophysiology (4)
Statistical Methodology (8)

Specialization: Plant Genetics
Population Genetics and Evolution (4)
Introduction to Molecular Biology (8)
Statistical Methodology (8)

Specialization: Crop Protection
Integrated Management for Plant Disease Control (4)
Weeds Ecology (8)
Statistical Methodology (8)

2. Electives Courses
Agronomic Bases for Herbicides Sustainable Management (2)
Physiological Bases for Crop Breeding. Module 1 (4) and Module 2 (4)
Reproductive Biology in Higher Plants (5)
Biological Control: General Principles and Application of Fungicides in Agriculture (2)
Plant Growth and Development Regulation (6)
Integrated Management for Plant Disease Control (4)
Grain Quality Physiological and Genetic Determinants of Cereals and Oilseeds (4)
Crop Mineral Nutrition (5)
Crop Ecophysiology (8)
Industrial Crop Ecophysiology (4)
Fruit Tree Ecophysiology (4)
Seed Ecophysiology (6)

Crop Ecology (4)
Weed Ecology (8)
Ecology and Management of Agricultural Pests (5)
Abiotic Stress in Higher Plants (6)
Physiology of Forage Plants (6)
Post-Harvest Physiology and Technology of Fruit and Horticultural Products (6)
Floriculture: Crop Management in Protected Environments (6)
Phytopathology Fundamentals (4)
Quatitative Genetics (6)
Genetics of Cereals (6)
Population Genetics and Evolution (4)
Introduction to Molecular Biology (8)
Plant-Insect Interaction. Molecular Bases and Ecological and Productive Implications (4)
Fungicide Sustainable Management (2)
Genetic Improvement of Forage Species (4)
Agronomically Applied Simulation Models (4)
Preparation and Publication of Scientific Papers (S/C)
Topics on Developmental Biology of Seeds and Plants. Ecological and Molecular Aspects (4)
Use of Nitrogen in Crops (4)

Professors

Abeledo, L.G., Dr (UBA);
Balestrasse, K. Dr (UBA)
Ballaré, C. PhD (Oregon State University)
Benech, R. PhD (Southampton University)
Botto, J. Dr (UBA)
Caputo, C. Dr (UBA)
Carmona, M. Dr (UNLP)
Casal, J. PhD (Leicester University)
Civello, M. Dr (UNLP)
D´Andrea, K. Dr (UBA)
De La Fuente, E. Dr (UBA)
Di Benedetto, A. Dr (UNC)
Ghersa, C. Agr. Eng. (UBA)
Giacometti, R. Dr (UNdSM)
Greco, N. Dr (UNLP)
Grimoldi, A. PhD (Technistsche Universitat Munchen)
Gutierrez Boem, PhD (Kentucky University)
Insausti, P., Dr (UBA)
Lenardon, S., PhD (The Ohio State University)
López, C., PhD (Oregon State University)
Maddonni, G. Dr (UBA)
Mazza, C. Dr (UBA)
Medan, D., PhD (Univ. Ulm)
Mercau, J. M.Sc. (UBA)

Miralles, D. Dr (UBA)
Monte Vázquez, E., Dr (Univ. de Salamanca)
Otegui, M. E., Dr (Univ. d'Orsay)
Ploschuk, E. Dr (UBA)
Poggio, S. Dr (UBA)
Reis, Erlei M., PhD (Washington Univ.)
Romero, A., PhD (North Caroline State University)
Rondanini, D. Dr (UBA)
Rousseaux, M. C. Dr (UBA)
Sánchez, E. PhD (Oregon State University)
Sánchez, R. PhD (California University)
Satorre, E. PhD (Reading University)
Savin, R. PhD (Melbourne University)
Schrauf, G. Dr (UNR)
Scursoni, J. Dr (UBA)
Striker, G. Dr (UBA)
Tranquilli, G. Dr (UBA)
Vila Aiub, M. PhD (Western Australia University)

MASTER´S PROGRAM IN NATURAL RESOURCES

CONEAU Category: A. Resolution Nº 344/11
Official Validity recognized by Ministerial Resolution Nº 1329/14.
Director: Amy T. Austin, Sub-director (austin@agro.uba.ar)
Sub-director: Laura Yhadian, Dr.

The Master´s program in Natural Resources is intended for professionals who will have positions as researchers or advisors in issues inherent to the structure and functioning of ecosystems, communities or populations. Both the courses and dissertation cover a wide range of topics and approaches involving basic ecology, interspecific interactions, biodiversity, structure and functioning of diverse biomes (including deserts, semi-deserts, grasslands, savannahs, forests, agri-ecosystems) changes in land use, ecosystems management and conservation, methodologies for natural resource assessment, and global change

Courses of the Master´s Program in Natural Resources

Course options (number of credits in parentheses):
Analysis of Heterogeneity in Vegetation Heterogeneity Analysis (6)
Regional Assessment of Ecosystems Using Remote-Sensing (4)
Water, Carbon and Energy Exchange in Terrestrial Ecosystems: Conceptual Foundations for Sound Management (4)
Biodiversity (6)
Ecological Consequences of Plant-Herbivore Interactions (6)
Ecological Consequences of Plants-Microorganisms Symbioses (4)
Grassland Ecology (6)
Plant Population Ecology (6)

Ecology of Arid Zones (6)
Fundamental and Recent Advances in Ecology (6)
Forest Genetics (3)
An Epistemological Approach to Understanding Ecology (2)
Forest Measurement- Field Methods- (No Credits Awarded)
Morphology of Grasses and Branching Systems (4)
Novel Crops for Arid Regions (4)
Grasslands and Savannahs in Argentina (6)
Spatial Patterns in Ecology: Models and Analysis (4)
Agri-Ecosystems Sustainability (6)
Sustainable Use and Management of Grassland Ecosystems (6)

Course options of other programs that are related to the student's thesis topic are eligible for credit as part of this master´s program.

Professors

Martín R. Aguiar, PhD (Colorado State University)
Mariano Amoroso, PhD (University Of British Columbia)
Amy Austin, PhD (Stanford University)
William Batista, PhD (Louisiana State Univ., USA)
Daniel Cabrelli, M.Sc. (CATIE)
Enrique Chaneton, PhD (University of London)
María Elena Fernández, Dr (UNCOMA)
Roberto Fernández Alduncin, PhD (Duke Univ)
Leonardo Gallo, PhD (University of Gottingen)
Claudio Ghersa, Agr. Eng. (UBA)
Rodolfo Golluscio, Dr. (UBA)
Agustín Alberto Grimoldi, PhD (Technitsche Universitat Munchen)
Javier Enrique Gyenge, Dr. (UNCOMA)
Esteban Jobággy, PhD (Duke University)
Rolando León, PhD (ETH)
Luis Marone, Dr. (UNSL)
Alejandra Martínez, PhD (Oregon State Univ.)
Eduardo Pagano, Dr (University of Granada)
Bruce Larson, PhD (University of Washington)
Martín Oesterheld, PhD (University of Syracuse)
Marina Omacini, Dr (UBA)
José Paruelo, PhD (Colorado State University)
Susana Perelman, Agr. Eng, M.Sc. (UBA)
Gervasio Piñeiro, Dr (Universidad de la República Oriental del Uruguay)
Damián Ravetta, PhD (University of Arizona)
Gabriel Rua, PhD (University of Ulm)
Maria Semmartín, Dr. (UBA)
Thorsten Wiegand, PhD (University of Marburg)
Elizabeth Jacobo, Agr. Eng. M.Sc. (UBA)
Patricia Cornaglia, Agr. Eng. M.Sc. (UBA)

Jorge Zavala, PhD (Friedrich-Schiller-Universität)

SPECIALIZATION IN FOOD AND AGRIBUSINESS

CONEAU Category: B. Resolution Nº 798/11 and 101/13.
Directors: Sebastián Senesi, Agr Eng, MA and Evangelina Dulce, Agr.Eng, MA (agroneg@agro.uba.ar)

400 contact hours
Years of study: 1
Final paper submission
Degree: Specialist in Food and Agribusiness, UBA
Awarded since 1999
Agronomy Faculty, UBA

The purpose of this specialization is to provide training to professionals from different backgrounds so that they may hold leading posts in businesses, in consultancy, universities and NGOs as well as in Food and Agribusiness governmental agencies.
This specialization is oriented to graduates from agricultural or accounting sciences or from any other courses directly or indirectly related to the food and agribusiness sector.
Graduates from the Specialization in Food and Agribusiness shall be capable of performing food chain studies, developing and assessing investment initiatives, drawing up marketing plans, devising strategic plans, developing sectorial policies and assessing systems within the global food and agriculture sector.

Courses of the Specialization´s Programme in Food and Agribusiness

1. Compulsory courses (11 credits):
Commodities
Specialties
Agribusiness Economics and Management
Strategic Administration and Business Planning
Final Paper Submission Methodology
Marketing and Communication

2. Elective courses (9 credits selected from the courses below)
Accounting and Financial Information
Project Development and Evaluation and Risk Analysis
Capital Markets and Financial Engineering
Negotiation
Organizational Analysis
Quality Management in Food and Agribusiness
Microeconomics
Macroeconomics
Agri-food Logistics and Distribution
Competitiveness in Agribusiness
International and Mercosur Food and Agriculture Scenario

Applied Statistics
Business Strategic Design
Foreign Trade

Professors
See Master´s Program in Food and Agribusiness

SPECIALIZATION IN AGRICULTURAL BIOTECHNOLOGY

Novel Program presented in CONEAU
Directors: Eduardo Pagano, Dr (UBA) and Hugo Permingeat (UNR)
e-mail: espbiotec@agro.uba.ar

384 contact hours, (distributed in 32 weeks)
Years of study: 1 and a half
Final paper submission
Degree: Specialist in Agricultural Biotechnology, UBA
Awarded since 20107
School of Agriculture, UBA, FCA-UNR

This program is inter-institutional between the School of Agriculture, UBA and the School of Agriculture of Rosario National University. The degree is issued by either university, alternatively. This program is orientated towards strengthening skills of people working within the agriculture production system, in order to enhance the competitiveness of the sector concerning the basic tools of molecular biology and genetic engineering, for application in tasks such as plant tissue culture, selection assisted by molecular markers and the generation of transgenic plants or products of other genetic engineering technologies. Graduates will also be able to understand the current regulatory laws concerning GMOs as well as assist in agricultural biotechnology projects management. The possible work fields for graduates are those related to agricultural biotechnology: seed production companies, both large and small and biotechnological service producers, municipal, provincial or national government organisms, international organisms, academic institutions, private consultants, among others.

Courses of the Specialization´s Programme in Agricultural Biotechnology

Introduction to Agricultural Biotechnology Markets
Botany and Crop Ecophysiology Concepts
Transference of Genetic Information and Recombinant DNA Technology
Molecular Markers
Plant Tissue Culture
Plant Genetic Engineering
Bioinformatics and Omics
Gene Introgression
Bioethics

Biosecurity and Risk Assessment. Regulatory aspects.
Agricultural Biotechnology Management
Intellectual Property
Agricultural Biotechnology Markets. International Commerce.
Final Integrating Work

Professors[4]

Batlla Diego, Dr (UBA)
Benavídez Raquel, Dr (UNS)
Bianchi Marta, M.Sc. (UNR)
Bueno Miriam, M.Sc. (UNR)
Carrari Fernando, Dr (UBA)
Delgado Luciana, Dr (UNR)
Drincovich María Fabiana, Dr (UNR)
Idígoras Gustavo, Master en Relaciones Internacionales (FLACSO)
Izaguirre Miriam, Dr (UBA)
Ortíz Juan Pablo, Dr (UNR)
Pagano Eduardo, Dr (UBA)
Permingeat Hugo, Dr (UNR)
Pessino Silvia, Dr (UNR)
Plencovich María Cristina, Dr. (UBA)
Podio Maricel, Dr (UNR)
Quadrelli Silvia, Dr (UBA)
Reggiardo Martín, Esp (UNR)
Ribaudo Claudia, Dr (UBA)
Rotundo José, Sub-director (UNR)
Schrauf Gustavo, Dr (UBA)
Senesi Sebastián, M.Sc. (UBA)
Soria Marcelo, Dr (UBA)
Stein Juliana, Dr (UNR)
Zavala Jorge, Dr (UBA)

SPECIALIZATION IN GRAIN CROPS

CONEAU Category "A": Resolution Nº 724/12–
Official validity recognized by Ministerial Resolution Nº 639/11 and 267/15.
Director: Betina C. Kruk, Dr
Sub-director: Daniel Miralles, Dr (granos@agro.uba.ar)

400 contact hours
Years of study: 1
Final paper submission
Degree: Specialist, UBA

[4] In brackets, current professor´s work place

Awarded since 2002

The purpose of this specialization is to achieve the integration of acquired knowledge and the adoption of newly developed one in connection with the latest breakthroughs in the functioning and management of major grain crops. It intends to encourage and back up the students´ sense of critical analysis, enhance their capacity to interact and convey ideas, and, upon the basis of the judgemental tools acquired, promote their ability to pinpoint opportunities and establish order levels for prospective risk investment options and for the placement of products in the different agricultural markets involved.

Courses of the Specialization´s Programme in Grain Crops

Active Working Groups: Principles and Tools
Data Collection and Interpretation
Writing and Communication in Agricultural Sciences
Yield and Quality Determinants
Reductions in Yield and Quality I. Limitations and Abiotic Adversities; II. Biotic Adversities
Crop Management I. Crop Structure
Crop Management II. Availability of Resources
Crop Management III. Simulation Models and Expert Systems
Harvest, Post-Harvest and Product Industrialization
Economic Assessment of Investment and Production Options
Production and Sustainability

Professors

Emilio H. Satorre, Agr. Eng. PhD (FA-UBA)
Cristina Plencovich M.A., Dr. (FA-UBA, UNLZ, UNTREF)
Susana Perelman Agr. Eng. M.Sc. (FA-UBA)
Martín Oesterheld Agr. Eng. Ph.D, (FA-UBA)
Adriana Kantolic Agr. Eng. Dr (FA-UBA)
Claudio Marco Ghersa Agr. Eng. (FA-UBA)
Daniel Julio Miralles Agr. Eng. Dr (FA-UBA)
Gustavo Maddonni, Agr. Eng, M.Sc., Dr (FA-UBA)
Jorge Luis Mercau Agr. Eng. M.Sc. (INTA)
Roberto Benech Arnold Agr. Eng. Ph.D, (FA-UBA)
Betina Kruk Agr. Eng, Dr (FA-UBA)
Román Serrago Agr. Eng, Dr (FA-UBA)
Diego Batlla, Agr. Eng, Dr (FA-UBA)
Juan Marcos Olivero Vila, Agr. Eng. (AACREA).

Visiting Professors

Daniel Bertero, B.A. Dr. (FA-UBA)
Mónica López Pereira, Agr. Eng., M. Sc. (FA-UBA)

Martín Díaz Zorita, Agr. Eng, Ph.D (INBA)
Rodolfo Cesáreo Gil, Agr. Eng, M.Sc., (INTA)
Deborah Rondanini. Agr. Eng, Dr. (FA-UBA);
Guillermo García, Agr. Eng., M.Sc. Dr. (FA-UBA).

SPECIALIZATION IN RURAL DEVELOPMENT

CONEAU Accreditation. Resolution Nº 609/03 and 797/11
Official Validity recognized by Ministerial Resolution Nº 738/04.
Director: Patricia Durand,Dr. (desarrollorural@agro.uba.ar)

400 contact hours
Years of Study: 1
Final Paper submission
Degree: Specialist, UBA
This degree has been awarded since 2002

The purpose of this Specialization is to pursue the achievement of professional competencies in Rural Extension and Development. Graduates shall be able to grasp an understanding of the social intervention models and social needs involved, as well as of the participatory social change expected. They shall also be competent to draw up socio-economic and technological-productive diagnoses, to plan and devise initiatives as well as to perform a socio-economic assessment and follow-up. The specialization is based upon an alternating system which blends classroom education with field work performed at organizations engaged in the development of intervention experience programs.
Based upon this system, participants shall be required to conduct a case study which shall lead to the preparation of the Final Integration Paper, for which the assistance of a tutor shall be required prior to the award of the Specialist degree.

Courses of the Specialization´s Programme in Rural Development

Problem Analysis and Troubleshooting
Agricultural Science Effective Presentations
Field Work I
Presentation of Case Study I
Territorial Organization and Regional Economies
Social Intervention Process
Socio-Economic Diagnosis
Technological-Productive Diagnosis
Participatory Planning
Project Design
Field Work II
Presentation of Case Study II
Economic Assessment and Follow-Up
Social Assessment and Follow-Up
Supplementary Cycle: Development Models
Tutor-Led Study (Final Integration Paper)

Presentation of Case Study III

Professors

Martín Oesterheld (FA-UBA)
Mabel Manzanal (FFyL-UBA/CONICET)
Federico Villarreal (PERT-UBA/CONICET)
Antonio Lapalma (UMSA)
Patricia Durand (FA-UBA)
Carolina Feito (CONICET-FA-UBA)
Liliana Pagliettini, Dr. (FA-UBA)
Mariana Moya (FA-UBA)
Mabel García (FA-UBA)

SPECIALIZATION IN SOIL FERTILITY AND FERTILIZATION

CONEAU Category: "B" – CONEAU Resolution Nº 664/11
Official Validity recognized by Ministerial Resolution Nº 154/11.
Director: Mónica Rodríguez, Dr (fertil@agro.uba.ar)

400 contact hours
Years of study: 1
Degree: Specialist, UBA

Graduates from this specialization shall be able to conduct a soil fertility diagnosis and account for such diagnosis and subsequently put forward the use of the applicable techniques for soil maintenance and recovery in agricultural systems. They may serve in enterprises, provide counselling to farmers and perform each and every task directly or indirectly related to soil fertility and the use of fertilizers.

Courses of the Specialization´s Programme in Soil Fertility and Fertilization

Knowledge Systematization and Approach Methodologies
Information Processing and Technical Presentations Design
Business Presentation of Agronomic Projects
Soil Fertility and Use of Fertilizers
Soil Analysis and Fertility Diagnosis
Fertilization Technology and Fertilizers
Physical Soil Degradation Processes
Soil Fertility under Different Management Systems
Economic Analysis of Investment and Production Options
Final Paper Seminar

Students are required to pinpoint a specific problem or situation, gather and assess relevant information regarding such problem or situation and subsequently make a final paper oral and written presentation.

Professors

Mónica Rodríguez Agr. Eng, M.Sc., Dr. (FA-UBA)
Flavio Gutiérrez Boem Agr. Eng, M.Sc., Dr (FA-UBA)
Martín Torres Duggan Agr. Eng, M.Sc. (Private Advisor)
Carina Alvarez Agr. Eng, M.Sc., Dr. (FA-UBA)
Haydée Steinbach Agr. Eng, M.Sc. (FA-UBA)
Roberto Alvarez Agr. Eng (FA-UBA)
Horacio Alippe Agr. Eng. Private Advisor
Raúl Lavado Agr. Eng. (FA-UBA)
Gerardo Rubio Agr. Eng, M.Sc., Dr (FA-UBA)
Pablo Prystupa Agr. Eng, M.Sc. (FA-UBA)
César Quinteros Agr. Eng, M.Sc., Dr. (UNER)
Hernán Echeverría Agr. Eng, M.Sc. (INTA)
Juan Raggio Agr. Eng. Private Advisor.
Juan Marcos Olivero Vila Agr. Eng. (Private Advisor)

SPECIALIZATION IN DEVELOPMENT AND EVALUATION OF AGRICULTURAL AND AGRI-INDUSTRIAL PROJECTS

CONEAU Category: "B" – CONEAU Resolution Nº 664/11
Official validity recognized by Ministerial Resolution Nº154/11 and 1477/16*.*
Director: Gerardo Petri, Ms.Sc (gpetri@agro.uba.ar)

400 contact hours
Years of study: 1
Final Paper Submission
Degree: Specialist, UBA
Awarded since 2003

Within an interdisciplinary framework, this specialization provides graduates with training so that they may engage in processes entailing the pinpointing, design, assessment and management of public and/or private undertakings inherent to the agricultural and agri-industrial cluster.
This specialization is aimed at graduates from agricultural and economic sciences as well as from any other higher education courses who evince an interest in the above mentioned specialization.
Participants, who shall be provided with tutors´ guidance, shall draw up a final report and the approval thereof shall allow the completion of this specialization.
Therefore, participants shall be required to build up a project idea and achieve a solution based upon the knowledge and experience gathered both in classrooms and businesses.

Courses of the Specialization´s Programme in development and evaluation of Agricultural and Agri-industrial Projects

Module I
- Strategic Planning
- Negotiation Strategies and Techniques
- Drafting and Dissemination of Scientific Papers

Module II
- Production and Agri-industrial Economy
- Alternative Funding Systems (*)
- Investment Initiatives Assessment and Design
- Environmental Valuation Methods
- Agricultural Markets Modelling
- Agricultural Policies Initiatives (*)
- Business Undertakings
- Public Projects
- Assessment and Follow-up of Agricultural and Agri-industrial Projects (*)
- Social Assessment and Follow-Up (*)
- (*) Electives

Module III
- Project Identification
- Project Preparation
- Project Assessment
- Final Integration Paper

Professors

Sergio Fernando Abrevaya, Dr. (Estudio de Mediación, Argentina)
Roberto Benencia, B.A (FA-UBA)
Horacio Colombet, Agr. Eng. (Ministry de Agro-industry, Argentina)
Gabriel Delgado, B.A. Ms.Sc. (INTA)
Michel Flament, B.A (INPI)
Graciela Gutman, Agr. Eng. (CEUR-CONICET)
Pablo Lavarello, B.A , PhD. (CEUR-CONICET)
Pedro Lavignolle, Agr. Eng., Ms. Sc. (FA-UBA)
Alejandro Marchionna Faré, Ind. Eng. MBA, (Integra Negocios S.A)
Gerardo Petri, B.A, Ms. Sc. (FA-UBA)
Daniel Tomasini, Agr. Eng. (FA-UBA)
Carmen Vicién, Agr. Eng., M.Sc. (FA-UBA)
Carlos Flood, B.A (CEDERU)
Ulises Martínez Agr. Eng. (FA-UBA)
Adrian Zappi Agr. Eng. (Ministry of Agro-industry, Argentina)
Gustavo Alvarez. Agr. Eng. (Ministry of Production, Argentina)
Evelin Goldstein; B.A (Solar Miron S.A.)
Nicolas Jorge B.A, M.Sc. (INAI)
Luis Urriza; Agr. Eng. (Integra Negocios S.A)
Maria Marta Di Paola (FA-UBA)

Diego Pinasco (FA-UBA)

SPECIALIZATION IN ENVIRONMENTAL MANAGEMENT IN AGRI-FOOD SYSTEMS.

CONEAU Accreditation, Category: B. CONEAU Resolution Nº793/11and 890/16
Director: Esteban Ciarlo, Sub-director (ciarlo@agro.uba.ar);
Assistant Director: Lidia Giuffré, M.Sc. (giuffre@agro.uba.ar)

400 contact hours
(Lectures on the 3rd Thursday, Friday and Saturday of each month)
Years of study: 1
Final Paper submission
Degree: Specialist, UBA
Awarded since 2001

The purpose of this specialization is to deal with the study and the troubleshooting of problems and the estimated impact of upcoming activities on both the natural and food production and agriculture systems upon the basis of an Environmental Management approach.

Courses of the Specialization in environmental management in Agri-food systems

Agri-Environmental Legislation
Soil Quality and Pollution
Water Quality in Agri-Ecosystems
Society and Environment
Economics of Natural Resources and the Environment
Environmental Impact Assessment
Environmental Management Systems
Environmental Chemistry
Total Quality Management and Food and Agriculture Standards
Final Integration Paper Drafting and Submission- Module 1

Elective Courses

Safety, Ergonomics and Working Conditions in Agricultural and Food Production Systems
Environment and Animal Production
Allelopathy: Impact on Agri-Ecosystems
Conceptual Basis and Evolution of Environmental Management in Soil Basins
Degradation Processes in Soil Basins

Final Paper

A professional case study shall be conducted under the guidance of the director and Sub-director, which shall eventually lead to the drafting of a final integration paper. This final work must be defended before the Thesis Committee Members

Professors

Ruben Ginzburg (FCEyN, UBA)
Sebastian Torreta (FCEyN, UBA)
Silvia Cucher, private adviso
Alicia Fabrizio de Iorio (FA-UBA)
Roberto Fernández Aldúncin (FA-UBA)
Daniel Tomasini (FA-UBA)
Ulises Martínez Ortíz, (FA-UBA)
Raúl Vaccaro (FA-UBA)
Luis Trama, (IRAM)
Lidia Giuffré (FA-UBA)
Esteban Ciarlo (FA-UBA)
Olga Heredia (FA-UBA)
Alejandra Herrero, School of Veterinarian Sciences (UBA)
Ana Cristina Amador (FA-UBA)
Julio Pollacino (University of Morón)
Celio Chagas (FA-UBA)
Ana Ferrazzino (FA-UBA)
Gonzalo Yurkievich (Ministry of Agri-industry)
Juan Manuel Cuevas (Ministry of Agri-industry)
Verónica Giberti (FA-UBA)

SPECIALIZATION IN BEEF VALUE CHAIN MANAGEMENT

CONEAU Category*: C. Resolution Nº 315/16. Official Validity recognized by Ministry Resolution RES 2056/16.*
Director: Ana María Pereyra, M.Sc
*Sub-director: Lorenzo R. Basso, PhD (*ccbovina@agro.uba.ar*)*

368 contact hours
Years of Study: 2
Final Paper submission
Degree: Specialist, UBA
Awarded since 2005

The purpose of this specialization is to provide training on specific interdisciplinary issues related to the beef value chain and to those technologies determining and enhancing its development within a setting which integrates the productive, industrial and business systems.

Courses of the Specialization in beef value chain management

Advances in Beef Production Systems
Livestock and Meat Trading

Introduction to Quantitative Market Research Methods
Project Design Theory and Techniques
Cattle Processing Facilities
Carcass and Beef Quality
Safety and Hygiene in the Meat-packing Industry
Beef Quality Management
Research in Consumer Behaviour
Supply Structure
Environment and Animal Production
Marketing in Health and Nutrition
Coordination and Integration of the Meat and Livestock Sector
Use of a Beef Chain Simulation Model
Ethics and Companies
Meat Products Packaging Systems
Innovation Management
Food Technology (extracurricular subject)
Introduction to Carcass and Beef Cattle Quality (Update course)

Professors

Nidia Nora Abbiati, M.Sc. (FCA, UNLZ)
María H. Viola, PhD (FCA, UNLZ)
Darío Colombatto, PhD (FA-UBA)
Carlos Pujol B.A. (Benito Pujol y Cia. S.A.)
Ignacio Iriarte B.A (Informe Ganadero)
Eduardo Cabak Eng. (Eduardo Cabak y Asociados)
Alejandro Schor, M.Sc. (FA-UBA)
Waldemar Carlos Ameri, Veterinary Physician (ex SENASA, private advisor)
María Inés Jatib, M.Sc. (UN Tres de Febrero)
Ana María Pereyra, M.Sc. (ex FA-UBA, ex UNLZ)
José M. Aulicino, M.Sc. (FCA, UNLZ)
María Alejandra Herrero, Ph.D (FCV, UBA)
Lorenzo R. Basso, PhD (FA-UBA)
Pilar T. García, PhD. (ex INTA, UN Morón)
Alejandro R. Silva, B.A (private advisor)
Claudio Macera, Zoot. Eng. (Sealed Air Argentina S.A.)
Ariel Rodríguez Palacios (Instituto Argentino de Gastronomía)
Cristian R. Feldkamp, PhD (AACREA)
María de la Consolación Otaño, M.Sc. (FA-UBA, Ministry of Agro-industry)
Serafín Alberto Insúa, B.A. (Centro de Consignatarios Directos de Hacienda)
Héctor María Reynal, Spec. (UCA)
Gerardo Luis Petri, M.Sc. (FA-UBA)
Marcela Rebuelto, PhD (ex FCV UBA, private advisor)
Daniel H. Rearte, PhD (ex INTA, private advisor)
Susana B. Gil, PhD (FCV UBA)
Fernando R. Canosa, Agr. Eng (Canosa y Asociados)
Alejandra Beatriz Picallo, M.Sc. (FA-UBA)

Diego C. Federico Miró, Veterinary Physician (UADE)

Visiting Profesor: Miguel A. Tenaglia, Attorney (SENASA)

SPECIALIZATION IN HEALTH AND SAFETY IN AGRICULTURAL WORK

CONEAU Accreditation. Category: B. CONEAU Resolution Nº 336/13.
Official Validity recognized by Ministerial Resolution Nº 150/11 and 1215/16.
Director: Verónica Logegaray, Agr.Eng, Specialist
Sub-director: Ana Cristina Amador, Agr. Eng (trabajar@agro.uba.ar)

Length of Course: 424 contact hours
Theory and Practice-based specialization. It involves twelve full-time three-day meetings (held on the last Thursday, Friday and Saturday of each month).
Final Paper Submission
Degree: Specialist in Safety and Health in Agricultural Work, UBA
Awarded since 2001

This specialization caters for the need to improve working conditions by enforcing the Risks Law in rural areas as well as to achieve top quality production based upon the application of labour conditions and technologies which do not adversely affect either man or environment.
Graduates shall be qualified to direct and manage health and safety programs in agricultural systems, to implement prevention plans and work life quality management standards. Additionally, they shall be able to conduct inspections and assessments, draw up expert reports and/or perform audits in strict compliance with the currently effective agricultural work labour risk regulations, serve as independent professional advisors and hold teaching positions.

Courses of the Specialization in health and safety in agricultural work

Agricultural Company and Working Conditions
Rural Work Sociology
Environmental Impact
Health in Agricultural Work
Labour Toxicology
Ergonomics and Psycho-Sociology
Occupational Health and Safety
Prevention in Differentiated Settings
Legal Scope of Prevention in Rural Areas
Prevention Planning, Training and Management
Case Studies and Troubleshooting
Dispute Solving and Labour Negotiation
Accident Investigation and Assessment and their Root Causes
Trainers´ Training in Risk Prevention

Health and Safety Seminars for Specific Activities

Students lacking the agronomic knowledge required to complete a Basic Agronomic Training Course comprising the four subjects below:

1. Introduction to Production Systems and Agricultural Mechanization
2. Crop Production
3. Animal Production
4. Forest Production

Professors

Susana Aimo, Acc (UBA)
Susana García, M.Sc. (UBA)
Ana Cristina Amador Agr. Eng, Spec, (FA-UBA)
Elías Apud (University of Concepción, Chile)
Roberto Benencia B.A and M.Sc., (FA-UBA, CONICET, FLACSO)
Hugo Cetrángolo Agr. Eng. (FA-UBA)
Silvia Giordano B.A, (UTN)
Esther Giraudo B.A. (CEIL-CONICET)
Lidia Giuffré, Agr. Eng and M.Sc, (FA-UBA)
Cristina Pantano (School of Medicine UBA and Argentine Business School)
Carlos Vaca, Eng. (UTN)
Claudio Robredo (UBA).

SPECIALIZATION IN RANGELAND SYSTEMS MANAGEMENT

CONEAU Third accreditation, Resolution Nº 317/16. Official Validity recognized by Ministerial Resolution Nº 467/04.
Academic Committee: Drs. Adriana Rodríguez (arodrigu@agro.uba.ar) and Martín Garbulsky (garbulsky@agro.uba.ar)

368 contact hours
Years of study: 1
Final paper submission
Degree: Specialist, UBA
Three academic cycles (2003-4, 2004-5, 2006-7) were initially completed under the direction of Martín Aguiar. In 2012, V Alejandro Deregibus conducted a curricular review and amendment of this specialization.

Purposes:

- To offer a practical training to professionals engaged in biological, environmental, agronomic, forestry and farming activities.
- To update and consolidate already acquired knowledge.
- To provide modelling tools to enable land-use planning.
- To analyse real cases involving field visits to a variety of areas.

- To enhance professional success opportunities by providing further training in diagnoses and generation of creative responses within a dynamic and uncertain biophysical and economic environment.

Courses of the Specialization in Rangeland systems management

Forage Resource Heterogeneity
Forage Resource Assessment
Functioning of Pasture Ecosystems
Grazing Animals
Animal Load and Livestock Handling
Forest-pasture Systems
Use of Pasture Systems
Intensive Animal Production on Grazing Lands
Pasture Production Characteristics
Pasture Production Management and Economics
Business Presentation of Agronomic Projects
Preparation of the Final Integration Paper (On going Seminar)
Case Study Work

Candidates will have experienced tutor guidance in the assessment of real scenarios and in the devising of a management plan which may lead to the design of an individual final integration paper.

Professors:
Adriana Rodríguez, Dr (FA-UBA)
Martín Garbulsky, Dr. (FA-UBA)
Gustavo Jaurena, PhD (FA-UBA)
Raúl Lavado, Eng. Agr. (FA-UBA)
Darío Colombatto (FA-UBA)
Cristian Feldkamp (AACREA)
Victor Alejandro Deregibus (FA-UBA).
Carlos Kunst (INTA)
Miguel Taboada, Dr (FA-UBA, INTA)
Alberto Quiroga, (INTA).
Alejandra Herrero
Lorna Carbo, School of Veterinary Science (UBA).
Guillermo Mattioli, Dr (UNLP)
Pablo Soca, M.Sc. (University of La Republica, Uruguay.)
JJ Villaba (Utah State University)
José Esaín (private advisor)
Jorge Esquivel, Agr. Eng. (private advisor)

SPECIALIZATION IN SOIL AND CROP MANAGEMENT UNDER A NO-TILLAGE SYSTEM

CONEAU Category, Category: B, CONEAU Resolution Nº 335/13
Official Validity recognized by Ministerial Resolution Nº 167/11 and 2844/15.
Director: Haydée S Steinbach, Agr. Eng; M.Sc. (sdirecta@agro.uba.ar)

420 contact hours
Years of Study: 1
Final Paper Submission
Degree: Specialist, UBA
Awarded since 2001

The aims of this specialization are to provide graduates with training so that they may address the specific needs derived from the systematic use of a no-tillage system, to encourage the use of process technologies by highlighting no-tillage systems as an "intensive knowledge" system and to promote the properties of no-tillage systems as an approach towards a sustainable management of agri-ecosystems.

Courses of the Specialization in Soil and Crop Management under No-tillage System

Knowledge Systematization and Approach Methodologies (1.25)
Information Processing and Technical Presentations Design (1.25)
Direct Seeding Ecology (1.25)
Soil Fertility under Different Management Systems (2.50)
Soil Physical Properties and Erosion under a No-Tillage System (2.50)
Integrated Management of Diseases Under a No-Tillage System (1.25)
Integrated Management of Pests Under a No-Tillage System and its Impact on the Soil Fauna (1.25)
Integrated Management of Weeds under a No-Tillage System (1.25)
No-Tillage Machinery (2.50)
Crop Management under a No-Tillage System (2.50)
Livestock and Mixed Systems Under a No-Tillage System (1.25)
No-Tillage Economic Assessment (2.50)
Integration Workshop (2)
Final Paper Preparation and Design (3.25)

Professors

Horacio Alippe Agr. Eng. (private advisor, INTA)
Haydeé S. Steinbach, Agr. Eng. M.Sc. (FA-UBA)
Claudio Ghersa, Agr. Eng. (FA-UBA)
Miguel A. Taboada, Dr (INTA, FA-UBA)
Rodolfo C. Gil, Agr. Eng. M.Sc. (INTA)
Fabio Solari, Agr. Eng. M.Sc. (FA-UBA)
Marcelo Carmona, Dr (FA-UBA)
Pablo Grijalba, Agr. Eng. M.Sc. (FA-UBA)

Diego Alvarez, Agr. Eng. (private advisor, FA-UBA)
Roberto Benech Arnold, PhD (FA-UBA)
Julio Scursoni, Dr (FA-UBA)
Elba de la Fuente, Dr (FA-UBA)
Betina Kruk, Dr (FA-UBA)
Antonio Guglielmini, Dr (FA-UBA)
Juan Carlos Papa, Agr. Eng. (private advisor, INTA)
Guido Botta, Agr. Eng. (UNLu, FA-UBA)
Carlos Sarubbi, Agr. Eng. (FA-UBA)
Carina R. Alvarez, Dr (FA-UBA)
Karina D´Andrea, Dr (FA-UBA)
Roman Serrago, Dr (FA-UBA)
Adriana Kantolic, Dr (FA-UBA)
Alberto Quiroga, Dr (INTA)
Oscar Ormeño, Agr. Eng. (private advisor, APRESID)
Ulises Martinez Ortiz, Agr. Eng (FA-UBA)
Maria Cristina Ras, Agr. Eng. (FA-UBA)

SPECIALIZATION IN AGRICULTURAL MECHANIZATION

CONEAU Category, Category C, Res. 82/16
Director: Guido Fernando Botta, *Agr. Eng, Dr (*gfbotta@agro.uba.ar*)*
Sub-director: Diego Agnes Agr. Eng, M.Sc..

368 contact hours (23 credits)
Years of Study: 2
Final Paper Submission
Degree: Specialist in Agricultural Mechanization
Awarded since 2011

The core purpose of the Specialization in Agricultural Mechanization is to provide graduates with a critical mindset so that they may grasp an understanding of the complexity and functioning of highly mechanized and computerized agricultural production systems, and have the judgemental tools required to anticipate the environmental implications involved in management decisions, usually inherent to the sizing of the relevant agricultural machinery. All these goals may be achieved by conducting proper diagnoses and providing the right answers in light of the different scenarios involved. This specialization provides students with the knowledge tools required so that they may act efficiently without ever neglecting the conservation of natural resources.

Courses of the Specialization in Agricultural Mechanization

Module I:
Scientific Writing
Agriculture Mechanization
Arable Land Mechanics and Land Preparation Machinery
Power Balance of Agricultural Equipment

Module II:
Electronics and Precision Agriculture
Systematization Equipment
No-Tillage and Conventional Machinery. Fertilizing Machines And Fertilization Technology
Crop Protection and Defence Machinery
Hay and Forage Harvesting Equipment. Grains Harvest and Post-Harvest
Trading of Agricultural Machinery and Operating Costs of the Agricultural Equipment

Module III:
Integration Seminars
Final Integration Workshop

Professors

Guido Fernando Botta Agr.Eng, Dr (FA-UBA, UN Luján)
Ramón Jesús Hidalgo Agr Eng, Dr (FCA-UN del Nordeste)
Daniel Andrés Laureda Agr. Eng., Dr (FA-UBA)
Gustavo Fabián Nardón Mec. Eng. M.Sc (FA-UBA)
Oscar Rubén Pozzolo Agr. Eng, Dr. (INTA)
Juan Manuel Ressia, Agr. Eng. (FA- UN Centro de Buenos Aires)
Héctor Gustavo Rosatto Agr. Eng, Dr. (FA-UBA)
Carlos Alberto Santiago Sarubbi, Agr. Eng Specialist (FA-UBA)
Marcelo Amado Agr. Eng. Specialist (FA-UBA)
Diego Wilfredo Agnes, Agr. Eng, M.Sc. (FA-UBA)
David Rivero Agr.Eng, Dr (FA-UN La Pampa)

SPECIALIZATION IN PLANT BREEDING

CONEAU Accreditation, Category: A, Res. 078/12 and 319/16-A
Official Validity recognized by Ministry Resolution 178/17.
*Director: Guillermo Eyherábide, PhD (*eyherabide.guillermo@inta.gob.ar*);*
Sub-director: María E. Otegui, Dr (otegui@agro.uba.ar)

402 contact hours
Years of study: 1
Final integration assessment based upon a selected study case
Degree: Specialist in Plant Breeding
Awarded since 2009

The aim of this specialization is to provide candidates with a more comprehensive and intricate overview of the basic knowledge and principles governing the genetic improvement of annual extensive crops than the one given at the Agriculture undergraduate courses, though with the interdisciplinary viewpoint currently required by the application of such knowledge and principles.

It is oriented to the consolidation of skills in the systematic use of information sources, the critical assessment and use of those sources and at the development of written and oral communication skills through individual and group paper presentations.
It deals with the core issues involved in modern improvement programs such as the use of molecular tools, the grasping of the mechanistic bases of yield formation and their potential practical use, the availability of genetic resources and their accessibility.

Courses of the Specialization in Plant Breeding

Writing and Communication in Agricultural Sciences
Data Collection and Interpretation
The World and Food: Past and Present
Statistics: Update Course
Quantitative and Population Genetics
Biotechnology Applied to Plant Breeding
Plant Genetics
Physiological Bases for Crop Improvement:
- Physiological Processes of Crop Growth and Development
- Application of Ecophysiology to Crop Improvement
- Seed Physiology and Technology

Introduction to Plant Breeding
Principles of Cultivar Development
Improved Resistance to Biotic Factors
Management of Plant Genetic Resources
Methodology Seminar: Project Presentation 1
Methodology Seminar: Project Presentation 2. Final Assessment

Professors
Gabriela Abeledo, Agr. Eng, Dr. (FA-UBA, CONICET)
María Laura Appendino. Agr. Eng. M.Sc. (FA-UBA)
Alicia Basso Agr. Eng, Dr. (FA-UBA)
Diego Batlla Agr. Eng, Dr. (FA-UBA, CONICET)
Roberto Benech Arnold Agr. Eng. PhD (FA-UBA, CONICET)
Daniel Bertero, B.A, Dr (FA-UBA, CONICET)
Teresa Boca Agr.Eng. M.Sc. (INTA)
Alfredo Curá, Agr.Eng. Dr. (FA-UBA)
Raquel Defacio, Agr. Eng M.Sc. (FA-UBA)
Guillermo Eyhérabide, Agr. Eng. PhD (INTA)
Marcelo Ferrer Agr. Eng M.Sc. (INTA)
Daniel Miralles, Agr. Eng, Dr (FA-UBA, CONICET)
César López, Agr. Eng, PhD (UNLZ)
Martín Oesterheld, Agr. Eng. PhD (FA-UBA, CONICET)
María Otegui, Agr.Eng, Dr (FA-UBA, CONICET)
Susana Perelman, Agr.Eng, M.Sc, (FA-UBA)
Daniel Presello, Agr.Eng. Dr (INTA)
Laura Puhl, Agr.Eng. M.Sc. (FA-UBA)
Claudia Ribaudo B.A. Dr, (FA-UBA)

Gabriela Tranquilli, Agr. Eng, Dr (INTA).

SPECIALIZATION IN NEGOTIATIONS AND INTERNATIONAL TRADE IN AGRI-INDUSTRIES

CONEAU Accredited: Resolution Nº 316/16.
Director: Lorenzo R. Basso, PhD, Agr. Eng; lbasso@agro.uba.ar
Sub-director: Roxana Blasetti; Specialist rblase@minagri.gob.ar

368 contact hours and final paper submission
Years of Study: 2
Degree: specialist in Negotiations and International Trade in Agri-industries
Awarded since 2012

PURPOSE
The aim of this Specialization is to provide graduates with a comprehensive view of the regional and multilateral framework governing the international trade of agri-industrial products so that they may contribute to strategic decision-making both at public and private sectors.

SPECIFIC PURPOSES
To contribute to the improvement of negotiating skills of both public and private sector professionals at a national and regional level.
To develop skills to conduct diagnoses on the competitive conditions to access international markets for agri-food products under the umbrella of international and regional rules

Courses of the Specialization in Negotiations and International Trade in Agri-industries

I. MAIN THEME´ S CORE SUBJECTS: AGRI-INDUSTRIES AND FOREIGN TRADE
DIRECTOR: Gustavo Idígoras, B.A.
Agri-industry: present and challenges
Agri-industry and its worldwide inclusion

II. MAIN THEME´S CORE SUBJECTS: MULTILATERAL RULES OF INTERNATIONAL TRADE
DIRECTOR: Félix Peña, PhD.
The Multilateral Trade System. The Marrakech Agreement and the entry of agriculture. Agreements annexed to the Marrakech Agreement. Impact on the trading of agricultural products.

III. MAIN THEME´S CORE SUBJECTS: REGIONAL AND ECONOMIC INTEGRATION
DIRECTOR: Sandra Negro, PhD
The Regional Economic Integration. Free Trade Agreements in Latin America
The Mercosur. Background, institutional structure and foreign relations.

IV. FINAL INTEGRATION PAPER WORKSHOP.
DIRECTORS: Lorenzo R. Basso, PhD, Agr. Eng; Roxana Blasetti, Specialist
Seminar I: DIRECTOR: Gustavo Idígoras, B.A.
Seminar II: DIRECTOR: Félix Peña, PhD
Seminar III: DIRECTORS: Félix Peña, PhD and Sandra Negro, PhD

Professors

The Specialization Courses and Seminars are taught by visiting professors and speakers who are members of the following Organizations and Institutions, among others:
School of Agriculture (FA-UBA)
School of Accounting Sciences (FCE UBA)
School of Law (FD UBA)
National University of La Plata (UNLP)
National University of Tres de Febrero (UNTREF)
Latin American School of Social Sciences (FLACSO)
Ministry of Agri-industry
Ministry of Foreign Affairs, International Trade and Worship Exportar Foundation
World Trade Institute (WTI), University of Bern
World Trade Organization (WTO)
Inter-American Development Bank (IDB/INTAL)
Inter-American Institute for Cooperation on Agriculture (IICA)
Food and Agriculture Organization of the United Nations (FAO)

SPECIALIZATION IN ARGENTINE DAIRY PRODUCTION SYSTEMS

CONEAU Accredited, Category C, Resolution Nº 776/12 and 320/16
Director: Alejandra P. D. Acosta, Dr (acosta@agro.uba.ar)
Sub-director: José Luis Rossi, PhD (jrossi@agro.uba.ar)

400 contact hours, 20 lectures held on Fridays and Saturdays on an every-other-week basis.
Years of study: 1
Final Paper Submission
Degree: Specialist, UBA

The aim of this specialization is to provide graduate training in Argentine dairy production systems. This programme ensures students consolidate their knowledge of principles and processes which determine the physical and economic outcomes mirrored in our country ´s dairy production systems, so that the students´ capacity to analyse, plan, operate and monitor the productivity of such systems may be enhanced. They shall also be able to render them sustainable with the application of the new technologies available and the sensible use of resources in order to avoid damaging the environment and taking into account the public good and the social benefits derived from the growth of the dairy production industry.

Courses of the Specialization in Argentine Dairy Production Systems

Writing and Communication in Agricultural Sciences (Martín Oesterheld, Director)
Data Collection and Interpretation (Pablo Cipriotti, Director)
Dairy Production Systems, Part I: Basics of dairy production systems (Eduardo Comeron, Director)
Grazing-based dairy production systems, Part II: Special characteristics of dairy zones or basins (Carlos Gonzalez Crende, Director)
Lactation physiology. Dairy Cattle Nutritional Aspects and Feeding. (Gerardo Gagliostro, Director).
Theoretical and practical features exerting an impact on dairy production in grazing-fattening systems (Juan Matías Grigera, Director)
Theory and Practice of Forage production in dairy production systems. (Mónica Agnusdei, Director)
Theoretical and Practical features which exert an impact on forage use efficiency in dairy production systems (Pablo Chilibroste, Director)
Dairy Cattle Genetic Improvement (Daniel Musi, Director)
Dairy Cattle Reproductive Management (Alberto Dick, Director)
Dairy Cattle Health and Milk Quality (Luis Calvinho, Director)
Businesses´ economic and technical analysis (Oscar Satorre, Director)
Economic Planning and Monitoring of a Dairy Company (Oscar Satorre, Director)
High-quality milk production plants and specific equipment (Pedro Serrano, Director)
Ongoing Seminar: Improvement Strategy and Assessment of real cases. Supplementary Themes (José Luis Rossi, Director)

Professors
Martín Oesterheld, PhD (FA-UBA; CONICET)
Pablo Cipriotti, PhD (FA-UBA; CONICET)
Eduardo Comerón, PhD (UTN; (INTA-EEA Rafaela)
Juan Grigera, M.Sc. (private advisor)
Fernando Bargo PhD (private advisor)
Mónica Agnusdei, PhD (INTA-EEA Balcarce)
Alejandra Marino, M.Sc.(FCA-UNMDP)
Pablo Chilibroste PhD (FA- UDeLaR-Uruguay; EEMAC-Uruguay)
Daniel Mussi. M.Sc. (FCV-UBA)
Alberto Dick M.Sc. (FCV-UNICEN)
Oscar Satorre, Agr. Eng (private advisor)
Pedro Serrano, Agr.Eng (INTA; FCA- UNLM)
Santiago Fariña PhD (INIA-Uruguay)
Carlos Gonzalez Crende Agr.Eng: (private advisor, AACREA)
Eugenio Scala, Agr.Eng (Subsec. de Lechería - Ministro de Agroindustria)
Alejandro La Manna PhD (INIA-Uruguay)
Gerardo Gagliostro PhD (INTA-EEA Balcarce)
Gustavo Schneider Agr.Eng (private advisor, AACREA)
Luis Calvinho, PhD (INTA- EEA Rafaela)
Fernando Preumayr, Agr.Eng: (private advisor, AACREA)

Leonardo De Luca, Veterinary Physician (FCA-UNLZ)
Guillermina Osacar, Agr.Eng (private advisor)
Martín Maciel PhD (INTA-EEA Rafaela)

SPECIALIZATION IN REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEMS APPLICABLE TO THE STUDY OF NATURAL RESOURCES AND AGRICULTURAL PRODUCTION

CONEAU Category: B Resolution Nº 611/16 –.
Official Validity recognized by Ministerial Resolution Nº 475/13.
Director: Gervasio Piñeiro, Dr (pineiro@agro.uba.ar)
Sub-Director: Carlos Di Bella, PhD (carlos.m.dibella@gmail.com)

377 contact hours
1 year for coursework and one semester for the drafting of the Final Paper Submission
Degree: Specialist in Remote Sensing and Geographic Information Systems applicable to the study or natural resources and agricultural production
Classes Starting: August 2016.

The aim of this specialization is to generate professionally skilled graduates, from public or private sectors, and provide the training level that will allow them to engage in competitive work environments. Among the employment opportunities available for prospective specialists, reference may be made to scientific research support, self-employment or relocation to different public or private entities. Graduates from this specialization may serve as leaders of teams engaged in the development and/or use of GIS and in the processing of spectral information for the planning, assessment and management of natural resources and agricultural production systems. The specialists shall be particularly qualified to address agricultural and environmental issues.

Courses of the Specialization in Remote Sensing and Geographic Information Systems applicable to the study or natural resources and agricultural production

Remote Sensing Basic Concepts and Fundamentals
Visual Interpretation of Images
Digital Image Processing
Estimation of Spectral Data-Based Biophysical Variables
Geographic Information Systems (GIS) Basic Concepts and Fundamentals
GIS and Remote Sensing IT Associated Tools
Theme Mapping
GIS for Precision Agriculture
Assessment of Agri-Meteorological Variables Based on Remote Sensing
Application of Remote Sensing and GIS to the Study and Follow-Up of Livestock Systems
Quantification of Land Cover Types Based on Remote Sensing and GIS Techniques
Estimation of Spectral Data-Based Agricultural Yields
Use of Remote Sensors and GIS for the Design of Vegetation Inventories
Fire Detection, Quantification and Follow-Up Based on Remote Sensing

Use of GIS and Remote Sensing Tools for the Carbon Footprint Study in Agri-Ecosystems
Use of Radar Images for the Follow-Up of Agro-Ecosystems
Environmental Degradation Study Based Upon the Use of Remote Sensors and GIS
Global Positioning Systems for Agricultural Purposes
Final Paper Preparation

Professors

Germán Baldi, B.A, PhD (UNSL, CONICET)
María Eugenia Beget Agr.Eng. M.A (INTA)
Alfredo Campos, Eng.M.A. (INTA, UTN)
Constanza Caride, Agr. Eng., PhD (FA-UBA)
Diego de Abelleyra, Agr. Eng. M.A. (INTA)
Carlos Di Bella, Agr.Eng. PhD (INTA, FA-UBA, CONICET)
Esteban Jobbágy, Agr,Eng. PhD (CONICET, UNSL)
Luciano Mendoza, B.A., PhD (UNLP- CONICET)
Marcelo Nosetto, Agr.Eng. Dr (CONICET, UNSL)
Martín Oesterheld Agr.Eng., PhD (FA-UBA, CONICET)
Mariano Oyarzábal, Agr. Eng. Dr (FA-UBA)
José Paruelo, Agr.Eng. PhD (FA-UBA, CONICET)
Gervasio Piñeiro Agr.Eng., Dr (FA-UBA, CONICET)
Gustavo Sznaider, Agr.Eng (FA-UBA)
Santiago Verón, Agr.Eng. Dr (INTA, FA-UBA, CONICET)
José Volante, B.A. Dr (INTA)

Contact Information
email: telysig@agro.uba.ar
Webpage: http://epg.agro.uba.ar/esp-teledeteccion/especializacion-en-teledeteccion
Twitter: @Tel_y_SIG

SPECIALIZATION IN RURAL TOURISM
Director: Ernesto Barrera, Dr (barrera@agro.uba.ar)
CONEAU Accredited

368 contact hours
Years of study: 1
Final Paper Submission: Business Plan or Strategic Plan
Degree: Specialist in Rural Tourism
School of Agriculture, UBA

The rural area is a multifunctional environment which enables the generation of non-agricultural rural employment opportunities, upon the basis of non-traditional rural activities such as manufacturing production, tourism and other services. Thus, the aim of the Specialization in Rural Tourism is the training of qualified professionals, and the undertaking of rural tourism initiatives that may contribute to the development of rural areas.

Upon completion of this specialization students are expected to be able to devise and develop a Business or Strategic Plan intended to launch a private investment or an Institutional Rural Tourism Project while addressing the implications of the complex and diverse Latin American rural scenario.

Specialization in Rural Tourism Courses

Preparatory Course
Introduction to Agribusiness
Introduction to Rural Tourism
Rural Development snd Tourism
Rural Sociology
Territorial Organization
Marketing of Rural Tourism
Rural Tourism and Environment
Marketing and Tourism Communication
Quality Management in Rural Tourism
Legislation, Risks and Insurances in Rural Tourism
Design and Assessment of Private Rural Tourism Projects
Design and Assessment of Social Rural Tourism Projects
Operational Research. Market Research
Networks and Micro-Entrepreneurs
Creativity and Innovation in Associations
Rural Accomodation and Hospitality
Apprenticeships

Professor

Ernesto Barrera (UBA)
Guillermo Malvicino (ANSES)
Roberto Benencia (UBA)
Rodolfo Bertoncello (UBA)
Alejandro Capanegra (University of the Republic of Uruguay)
Hernán Palau (UBA)
Oscar Faranda (UN of Entre Ríos)
Paula Judkin (Marketing consulting)
Carmen María Staniak (University of Salvador, Argentina)
Regina Gertrudis Schlüter (UN General San Martín, Argentina)
Sandra Patricia Fernández (UBA)
Marcos Lavandera (UNICEN)
Diego Augusto Benítez (UN Río Negro, Argentina)
Eduardo Héctor Fontenla (College of Graduates in Cooperativism and Mutualism)
Ada Isabel Vaquer (Virtual School of Mercosur)
Alfredo Argentino César Dachary (University of Guadalaja, Mexico)
Cecilia Elvira Camou (Ministry of Tourism of the Nation)
Claudia Alejandra Troncoso (UBA)
Antonio Ismael Lapalma (UBA)

Stella Arnaiz Burne

UPDATE COURSE IN SOIL FERTILITY

Director: Mónica Rodríguez, Dr (fertil@agro.uba.ar)

Certificate awarded by FA-UBA

The aims of this update course are to consolidate the knowledge of soil fertility management and the use of fertilizers and to develop an understanding of the processes involved in the deterioration of soil fertility, the effective use of fertilizers, and the environmental impact from the use of manures and fertilizers.

Update Course in Soil Fertility Courses

Soil Fertility under the Different Management Systems
Soil Fertility and Use of Fertilizers
Fertilization Technology and Fertilizers

Professors

Mónica Rodríguez, Agr.Eng, M.Sc., Dr (FA-UBA);
Flavio Gutiérrez Boem, Agr.Eng, M.Sc., PhD (FA-UBA)
Martín Torres Duggan, Agr.Eng, M.Sc.. Private Advisor
Carina Alvarez, Agr.Eng, M.Sc., Dr (FA-UBA)
Haydée Steinbach, Agr.Eng, M.Sc. (FA-UBA)
Roberto Alvarez, Agr.Eng (FA-UBA)
Raúl Lavado, Agr.Eng (FA-UBA)
Gerardo Rubio, Agr.Eng, M.Sc., PhD (FA-UBA)
Pablo Prystupa, Agr.Eng, M.Sc.. (FA-UBA)
César Quinteros, Agr.Eng, M.Sc., Dr. (UNER)
Hernán Echeverría, Agr.Eng, M.Sc., (INTA)
Juan Raggio, Agr.Eng, Private Advisor

UPDATE COURSE ON SOIL AND CROP MANAGEMENT UNDER A DIRECT SEEDING SYSTEM

Director: Haydée S Steinbach, Agr.Eng; M.Sc. (sdirecta@agro.uba.ar)

180 hours
Semi-annual course
Face-to-face mode
Certificate awarded by FA-UBA
Awarded since 2004

Update course on soil and crop management under

A direct seeding system Courses

Soil Fertility under Different Management Systems (2.50)
No-Tillage Systems Machinery (2.50)
Integrated Disease Management under a No-Tillage System (1.25)
Soil Erosion and Physical Properties under a No-Tillage System (2,5)
Integrated Pest Management under a No-Tillage System and Soil Fauna Effects (1.25)
Integrated Weed Management under a No-Tillage System (1,25)
Crop Management under a No-Tillage System (2.5)
Mixed-Crop Livestock Systems under a No-Tillage System (1.25)

Professors:
See Specialization in no-tillage system

UPDATE COURSE ON PLANT BREEDING

Director: María E. Otegui, Dr (otegui@agro.uba.ar);
Sub-Director: Guillermo Eyherábide, PhD (geyherabide@pergamino.inta.gov.ar)
246 hours
Semi-annual course
Face-to-face mode
Certificate awarded by FA-UBA
Awarded since 2009

The aim of this refresher course is to consolidate students´ knowledge of crops genetic improvement through the comprehensive understanding of the major items involved in the programs intended to that effect; such items entailing the use of molecular techniques, yield generation mechanistic bases and the effective use thereof, as well as the availability and use of genetic resources, etc. This goal is largely dependent on the strengthening of students´ abilities for the systematic use of information sources, their assessment and subsequent use.

Update course on plant breeding Courses

The World and Food: Past and Present
Statistics: Update Course
Quantitative and Population Genetics
Plant Breeding Applied Biotechnology
Plant Genetics
Physiological Bases for Crop Improvement:
- Physiological Processes of Crop Growth and Development
- Application of Ecophysiology to Crop Improvement
- Seed Physiology and Technology

Introduction to Plant Breeding
Principles of Cultivar Development
Improved Resistance to Biotic Factors

Professors
See Specialization in Plant Breeding

UPDATE COURSE ON GRAIN CROPS

Coordinators: Daniel Miralles, Agr.Eng., Dr.
Betina C. Kruk, Agr.Eng.,Dr. (granos@agro.uba.ar)

110 contact hours
Bi-annual course
Certificate awarded by FA-UBA
Awarded since 2004

The aim of this update course is to strengthen students´ ability for the diagnosis and troubleshooting of problems at the production unit level. It entails the study of yield generation processes as well as of those issues associated with the harvest, quality and post-harvest use of major grain crops.

Update course on grain crops
Yield and Quality Determinants
Quality and Yield Reductions, Limitations and Abiotic Adversities
Crop Structure
Availability of Resources
Simulation Models and Expert Systems
Product Harvest, Post-Harvest and Industrialization

Professors
See Specialization in Grain Crops

INTERDISCIPLINARY UPDATE COURSE ON MANAGEMENT AND NEGOTIATION

Director: Sara Rozemblum de Horowitz, Dr. (horowitzsara@gmail.com)
Resolution CD Nº 529/09

The course is made up of 130 contact hours, out of which 40 are assigned to the study of compulsory subjects and the remaining ones for that of electives.
Monthly face-to-face mode
Venue: it shall be delivered at FA-UBA or at any other venue which shall be informed in advance following the undersigning of the relevant agreements, if any.

Certificate of Approval of the Refresher Course on Management and Negotiation

The aim of this Refresher Course is to provide participants with training on the theoretical and practical approach of Negotiation and Management issues suitable to each scenario,

case, need or goal. Emphasis shall be placed on management and negotiation as a way to deal with disputes based upon an interdisciplinary approach. Participants shall be encouraged to adopt a case study methodology so that they can handle their own cases.

Interdisciplinary update course on Management and Negotiation programme

Negotiation (compulsory)
Communication in Negotiation: Every Negotiator is a Communicator (compulsory)
Complex Negotiations in Organizations (elective)
Organizational Psychology (elective)
Negotiations at the Agri-industrial Sector (elective)
Capital Market Funding Tools (elective)
Effective Presentations, Theory of Argumentation and Teamwork (elective)
Advanced Negotiation: Gender, Culture and Emotional Intelligence (elective)
Change Management (elective)
Analysis of SWOT Cases, Interpretation and Assessment (elective)
Leadership and Motivation (elective)
Teamwork (elective)
Trainers´ training (elective)
Theory of Games (elective)
Ontology Learning in Leaders´ Management (elective)
Learning: Management of the Emotional, Corporal and Linguistic Environment (elective)
"Multi-Party and Multi-Issue" Disputes. Facilitation (elective)
National or International Seminar (elective)

Professors
Sara R. de Horowitz, PhD (FAUBA)
Susana Garat, Sp. (FAUBA)
Carlos Altschul, PhD (FLACSO)
Sebastián Senesi, M.Sc. (FAUBA)
Claudio Zuchovicki PhD (Buenos Aires Stock Exchange)
Pía Bouzas, B.A. (UNA)
Luis Karpf, B.A (FCE UBA)
Rubén Schonfeld, B.A. (FAUBA)
Diego Urfeig, B.A . (UNGS)
Margarita Solari, M.A. (Mediation Center, Salta, Argentina)
Paula Gamboa, M.A. (USAL)

FOOD AND AGRIBUSINESS ADVANCED MANAGEMENT PROGRAM

Director: Sebastián Senesi, Agr.Eng, M.Sc. (agroneg@agro.uba.ar)

200 hours
1 year
Monthly or weekly mode
No final paper submission required

Certificate awarded by FA-UBA
Awarded since 2000

The core purpose of this Postgraduate Program is to provide training to Food and Agribusiness businessmen, professionals and civil servants. The program is based on training strategies, which establish connections across the theoretical framework, operational training and the discussion of relevant cases. In turn, emphasis is placed on the competitive management of agriculture and food chains. The scope of analysis and intervention of this Program is the company, its links with the agriculture and food system as well as the local and foreign institutional environment.

Food and Agribusiness advanced management programme courses

Agribusiness Economics and Management
Strategic Management and Business Planning
Marketing and communication
Project Development and Evaluation and Risk Analysis Capital Markets and financial engineering
Negotiation and Organizational Analysis
Commodities
Specialties
International and Mercosur Food and Agriculture Scenario
Case Discussion (Quality Management and Foreign Trade)
Agribusiness International Seminars

Professors
See Master`s Program in Food and Agribusiness

AGRI-FOOD FOREIGN TRADE ADVANCED MANAGEMENT PROGRAM

Director: Sebastian Senesi, Agr.Eng, M.A (ssenesi@agro.uba.ar)
Coordinator: Marisa Bircher, B.A (mbircher@agro.uba.ar)

212 contact hours
Course length: 10 months
Final Integration Paper
Degree: Postgraduate Degree in Agri-Food Foreign Trade Advanced Management

The purpose of this Program is to provide training to businessmen, professionals and civil servants engaged in the Agri-food Foreign Trade sector based upon a training strategy which establishes links between the theoretical framework and operational training involved. Graduates shall be qualified to hold leading posts in businesses, consultancies, universities and NGOs as well as in Agri-Food Foreign Trade Governmental Institutions.

Agri-food foreign trade advanced management program courses

Module I: Argentina and international competitiveness (Coordinator: Christian Martínez B.A):
Foreign Trade trends and viewpoints
Political Scenario of International Negotiations
Productive Sectors and External Competitiveness
World Food Trading
Internalization in Argentina and its impact on businesses
SME Scenario: Govrnment´s role in foreign trade

Module II: Strategic Foreign Trade Management in agri-food
Coordinator: Marisa Bircher, B.A.
Agri-food business planning and strategy
Exporting Company Taxation and Customs Union
Setting of export-import prices
Legal Scenario of International Businesses
Logistics and international negotiation terms

Module III: International Agri-food Marketing. Coordinator: Marisa Bircher, B.A
International Agri-food markets research and development
Trading Platforms
Agri-food trade-applied Information Technologies: e-business and e-marketing
Foreign Trade Systemic View
Business Promotion: International fairs and business rounds

Module IV: International Finances. Coordinator: Carlos Torrico, Ind. Eng, B.A:
Argentine Monetary Policy
Methods of Collection and International Payments
Futures and options

Module V: Agri-food Competiveness. Coordinator: Sebastián Senesi, Agr.Eng.,M.A
Agribusiness Environment and Dynamics
Competitiveness in Agribusiness
Quality Management as a distinctive international value
Sector Business Promotion and Associativism

Module VI: Seminars. Coordinator: Christian Martínez, B.A
Operating Export-Import Sequence (Hands-On Workshop)
SMEs viewpoint of trade
Large-sized enterprises´ viewpoint of trade
Discussion on Ibero-American Foreign Trade support policies
Workshop: Group Final Paper. Coordinator: Marisa Bircher, BA.

Professors

Marisa Bircher B.A FAUBA
Hernán Blasco B.A, MBA (Independent consultor)
Carmen Carballeiro, B.A. (Caballeiro Customs Study)

Lucio Castro, B.A. Dr (Ministry of Production)
Andrés Cisneros, Attorney (Ex Vice chancellor, Argentina)
Graciela De Leonardis, BA. M.A (DUET)
Gustavo Idigoras, B.A, M.A (Ex aggregate agriculture in the European Union)
Nicolás Jovanovich, B.A (Las Marías)
Christian Martínez B.A (Organic Latin America)
Gustavo Napolitano Agr.Eng, Specialist (FAUBA)
Félix Peña, Attorney, Dr. (ICBC Fundation)
Daniel Pérez Enrri, Ind. Eng, Dr. (FAUBA)
Diego Pérez Santisteban, Ind. Eng. (Argentine Chamber of Importers)
Fidel Poehls, Agr.Eng. (NOVITAS S.A/FAUBA)
Fernando Ramos B.A. (Independent consultor)
Marcelo Santoro B.A, M.A. (International Desk)
Gustavo Segré B.A. (Independent consultor)
Sebastián Senesi, Agr.Eng, M.A. (FAUBA)
Dante Sica Acc, B.A. (Independent consultor)
Hernán Thomsen B.A. (Independent consultor)
Carlos Torrico, Ind. Eng, B.A (FAUBA)
Santiago Vexina, B.A, M.A. (Vexina and partners Study)