

Code	I Term	Credits
CIE 101	Introduction to Natural Sciences	3
COM 109	Communication and Leadership	2
CUL 101	Tropical Crops	3
EMP 109	Entrepreneurship Experience I: Design	1
ERS 103	Recreation and Comprehensive Health I	0
EXP 100	Work Experience*	2
HUM 106	University Life Orientation Seminar I	0
IGA 101	Operation of Agricultural Equipment	1
INF 101	Computer Workshop	0
MAT 105	Basic Skills in Mathematics I	2
	Subtotal	14

Code	II Term	Credits
COM 110	Professional Communication	2
CUL 102	Tropical Crop Production	3
EMP 110	Business Models	2
EMP 111	Entrepreneurship Experience II: Sizing	1
ERS 106	Health Promotion	2
ERS 104	Recreation and Comprehensive Health II	0
EXP 100	Work Experience *	2
IGA 103	Mechanical Skills	2
ING 101	English	2
MAT 106	Basic Skills in Mathematics II	2
RCN 101	Ecological Bases for Natural Resource Management	3
	Subtotal	21

The plan of studies is subject to change each year.

The courses can change the order of the term.

Code	III Term	Credits
COM 111	Scientific Communication and Critical Thinking	2
CUL 103	Sustainable Management of Tropical Crops	3
EMP 112	Finance and Entrepreneurship	2
EMP 113	Entrepreneurship Experience III: Negotiation and Financing	1
ERS 105	Recreation and Comprehensive Health III	0
EXP 100	Work Experience*	2
HUM 105	Opportunities for Development and Equity	3
HUM 107	University Life Orientation Seminar II	0
ING 102	English	2
MAT 107	Quantitative Skills for Agriculture Sciences	2
PRA 101	Tropical Animal Production	3
	Subtotal	20

Code	EXP Work Experience*
EXP 111	Farm Crops
EXP 112	Integrated Organic Farm
EXP 113	Integrated Livestock Farm
EXP 114	Forestry Farm
EXP 115	Community
EXP 116	Academic Agricultural Services and Practices

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Code	I Term	Credits
CUL 205	Weed Management in Agroecosystems	3
EMP 211	Entrepreneurship Experience IV: Startup Launch	1
EMP 210	Bioentrepreneurship: Information Systems	2
EXP 200	Work Experience*	2
HUM 203	Rural Development and Sustainable Communities	2
ING 201	English	2
MAT 202	Calculus for Agriculture Sciences I	2
PRA 201	Animal Reproduction and Lactation	3
	Subtotal	17

Code	II Term	Credits
CIE 201	Applied Genetics	3
CIE 202	Inorganic Chemical Processes	3
EMP 212	Marketing and Sales for Entrepreneurs	2
EMP 213	Entrepreneurship Experience V: Management and Control	1
EXP 200	Work Experience*	2
ING 202	English	2
MAT 201	General Statistics	3
	Subtotal	16

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2026

**Curriculum
Degree in Agricultural Sciences**

**Second
year**

Code	III Term	Credits
CIE 203	Organic Chemical and Biochemical Processes	3
CUL 201	Pest Control: Entomology	3
CUL 202	Pest Control: Diseases	3
EMP 214	Entrepreneurship Experience VI: Operational Bussiness Closure	1
ERS 202	Public Health and Food Systems	2
EXP 200	Work Experience*	2
ING 203	English	2
	Subtotal	16

Code	EXP Work Experience*
EXP 209	Farm Crops
EXP 210	Integrated Organic Farm
EXP 211	Integrated Livestock Farm
EXP 212	Forestry Farm
EXP 213	Community
EXP 214	Academic Agricultural Services and Practices

The plan of studies is subject to change each year.
The courses can change the order of the term.

Code	I Term	Credits
EMP 307	Sustainability Assessment of Agribusinesses	2
EMP 308	Entrepreneurship Experience VII: Sustainable Evaluation of Agribusinesses	1
EXP 303	Work Experience: Agribusiness	2
IGA 301	Spatial Information Management	2
ING 301	English	2
PRA 302	Sustainable Agricultural Systems	3
RCN 301	Tropical Silviculture	3
SUE 301	Properties of Tropical Soils	3
	Subtotal	18

Code	II Term	Credits
AGI 301	Physiological Processes and Post Harvest Systems	3
CIE 301	Applied Ecology	3
EMP 309	Business Acceleration	2
EMP 310	Entrepreneurship Experience VIII: Business Acceleration	1
EXP 304	Work Experience: Community	2
ING 302	English	2
MAT 301	Calculus for Agriculture Sciences II	2
PAS 304	Preparation for the Internship	1
SUE 302	Management and Conservation of Tropical Soils	3
	Subtotal	19

Code	III Term	Credits
PAS 305	Internship	14

The plan of studies is subject to change each year.
The courses can change the order of the term.

Code	I Term	Credits
AGI 401	Food Processing	3
ELECTIVE 1	**	3
EPR 404	Professional Experience	2
HUM 404	Ethics and Critical Thinking	2
ING 401	English	2
PAS 402	Internship Analysis	1
PPG 401	Proposal Development Methodology	2
PPG 402	Graduation Project	1
	Subtotal	16

Code	II Term	Credits
CIE 401	Physics	2
ELECTIVE 2	**	3
EPR 405	Professional Experience	2
IGA 402	Irrigation and Drainage	3
ING 402	English	2
PPG 403	Graduation Project	2
	Subtotal	14

Code	III Term	Credits
EPR 406	Professional Experience	2
EMP 428	Internationalization of Companies	2
IGA 410	Agro-industrial Waste Management	3
PPG 404	Graduation Project	2
ELECTIVE 3	**	3
ELECTIVE 4	**	3
	Subtotal	15

The plan of studies is subject to change each year.

The courses can change the order of the term.

Elective Course

Code	Elective course**	Credits
AGI 407	Design and Structure of Food Products	3
CUL 401	Tropical Fruit Production	3
CUL 403	Banana Cultivation	3
CUL 404	Coffee Cultivation	3
CUL 419	Ornamental Plants	3
CUL 420	Rice Crop Production	3
CUL 423	Apiculture	3
CUL 427	Practical Applications of Plant Physiology in Tropical Crops	3
EMP 415	Strategic Administration of Sales	3
EMP 423	Management and Organizational Development	3
HUM 405	Conflict Resolution Skills	3
IGA 405	Geospatial Technologies Applied to Precision Agriculture	3
PRA 403	Fish Culture	3
PRA 405	Animal Nutrition	3
RCN 406	Applied Biogas Technology	3
RCN 408	Renewable Energies for Rural Communities: Bioenergy, Wind and Water	3
RCN 411	Bioinputs for Agricultural Systems	3
RCN 414	Sustainable Forest Management in the Tropics as an Instrument for Economic Development	3

The plan of studies is subject to change each year.

** Elective courses vary each term, the courses shown here are for your reference.