



Luiz de Queiroz College of Agriculture

Course Offerings

Degree codes:

- 11010 - Agriculture
- 11020 - Forestry
- 11040 - Licentiate Degree in Agriculture
- 11050 - Economics
- 11061 - Food Science
- 11070 - Biological Sciences (104 = Licentiate Degree; 4 = Bachelor Degree)
- 11080 - Environmental Management
- 11090 - Management

ID	Course Name	Professor	Course Content Summary	Total Course Hours	Semester	Degree code
LPV0156	Plant Raw Materials	Keigo Minami	The role of cultivated plants; Origin and classification of cultivated plants; Structure and function in plants; Reproduction of plants; Plant protection; Grain foods; Herbs; Sugarcane, beans and cassava crops; Coffee and stimulant plants; Fruits and vegetables.	90	1 st	11061
LPV0448	Fruit Crops	Angelo Pedro Jacomino Francisco de Assis Alves Mourão Filho Marcel Bellato Sposito Simone Rodrigues da Silva	Fruit origin and domestication; Plant propagation; Production systems; Plant conduction and pruning; Cultural practices.	60	1 st	11010
LPV0480	Vegetable crops, Floriculture and Landscaping	Ana Maria Liner Pereira Lima Keigo Minami Paulo César Tavares de Melo Simone da Costa Melo	Vegetable crops: Tomato, potato, cabbage, carrot, onion, lettuce and cucumber crops; Floriculture: major crops, production and markets; Landscaping: basic principles for landscaping projects and urban arborization.	60	1 st	11010
LPV0506	Oil Crops	Gil Miguel de Sousa Camara Marcos Silveira Bernardes	Soybean, peanut, sunflower, castor beans, sesame and canola: crop origin, geographical diffusion and relevance, botanic classification, agro botanical description and phenology, objectives of the genetic and cultivar improvement; Soil preparation, installation; Crop conduction, harvesting and cropping systems.	60	1 st	11010



Luiz de Queiroz College of Agriculture

Course Offerings

Degree codes:

- 11010 - Agriculture
- 11020 - Forestry
- 11040 - Licentiate Degree in Agriculture
- 11050 - Economics
- 11061 - Food Science
- 11070 - Biological Sciences (104 = Licentiate Degree; 4 = Bachelor Degree)
- 11080 - Environmental Management
- 11090 - Management

LPV0513	Agroecology and Organic Agriculture	Carlos Armenio Khatounian	Scientific bases and practical applications of agroecology for an efficient, long lasting, and low cost agribusiness, with minimum environmental and human health impact. Commercial food production techniques of high nutritious value, using organic matter recycling and energy flow optimization in agroecosystems. Ecological farming basics (organic agriculture).	90	2 nd	11020 11010
LPV0580	Dry bean, Corn and Sorghum Production	Antonio Luiz Fancelli	Corn, dry bean and sorghum: crop origin and importance, botanical characteristics, importance and characteristics of seeds, production and processing of seeds, physiology of production, genotypes, nutrition and fertilization; Plant disease management, cultural practices, production systems, harvest and basic aspects of processing, storage and marketing; Importance of seeds and factors affecting their quality; Production systems and certification of seeds.	60	2 nd	11010
LPV0582	Cotton, Rice, Coffee and Wheat Production	Ederaldo Jose Chiavegato	Food plants production technology. Stimulant plants production technology. Fibre plants production technology. Winter crops. Major crops harvest and processing.	60	2 nd	11010
LPV0584	Sugarcane and Soybean Production	Edgar Gomes Ferreira de Beauclair Gil Miguel de Sousa Camara Marcos Silveira Bernardes	Presentation of the discipline program, evaluation system, test calendar and basic bibliography.	60	2 nd	11010



Luiz de Queiroz College of Agriculture

Course Offerings

Degree codes:

11010 - Agriculture
 11020 - Forestry
 11040 - Licentiate Degree in Agriculture
 11050 - Economics
 11061 - Food Science
 11070 - Biological Sciences (104 = Licentiate Degree; 4 = Bachelor Degree)
 11080 - Environmental Management
 11090 - Management

LPV0615	Supervised Internship in Plant Production I	José Laercio Favarin Ricardo Victoria Filho	a) Soil preparation for crop cultivation or research; b) Planting, cultural practices and crop data collection; c) Assisting professors in the experimental activities and cultural practices, since crop installation to harvest processing of the final yield; d) Collecting information necessary to evaluate the crop yield; e) Development of activities on seed production and plant propagation; f) Development of activities in cultivation practices and specific conditions and techniques; g) Periodical discussions on professional development area.	105	1 st /2 nd	11010
LPV0635	Supervised Internship in Crop Science II	José Laercio Favarin Ricardo Victoria Filho	Development of activities related to planning and installing crops involving soil preparation, planting, cultivation and harvest and commercialization of agricultural products.	105	1 st /2 nd	11010
LPV0638	Seed Production	Ana Dionisia da Luz Coelho Novembre Julio Marcos Filho Silvio Moure Cicero	Techniques for obtaining seeds: importance, seed physiology, production technology (production systems, installation and management of the field, quality control in production and harvesting), drying, processing and storage; Problems in seed production of major crops; Visits to seed producing companies; Studying the application of analytical methods for evaluating the genetic, physical and physiological quality of seeds.	60	1 st /2 nd	11010
LPV0642	Temperate Fruit Crops	Simone Rodrigues da Silva	Production physiology and orchard planning for peach, fig, grape, apple, pear, plum, nectarine and persimmon crops.	60	2 nd	11010



Luiz de Queiroz College of Agriculture

Course Offerings

Degree codes:

- 11010 - Agriculture
- 11020 - Forestry
- 11040 - Licentiate Degree in Agriculture
- 11050 - Economics
- 11061 - Food Science
- 11070 - Biological Sciences (104 = Licentiate Degree; 4 = Bachelor Degree)
- 11080 - Environmental Management
- 11090 - Management

LPV0651	Landscaping, parks and gardens	Ana Maria Liner Pereira Lima Claudia Fabrino Machado Mattiuz	Ornamental plants; Gardening; Urban arborization; Landscape project development and landscape ecology.	60	2 nd	11010 11020
LPV0660	Post-Harvest of Horticultural Crops	Angelo Pedro Jacomino	Post-harvest losses of horticultural products in Brazil; Factors affecting quality; Methods of quality maintenance; Post-harvest pathology; Post-harvest technology of vegetables, fruits and flowers.	60	2 nd	11010
LPV0661	Tropical and Subtropical Fruit Crops	Francisco de Assis Alves Mourão Filho	Pineapple crop; Mango crop; Citrus crop; Papaya crop.	60	2 nd	11010
LPV0662	Irrigated Agriculture	Durval Dourado Neto	Irrigated agriculture: agriculture planning, principles and water management techniques; Fertirrigation; Plant production under irrigation systems; Growth analysis; Vegetative cycle of the plant and the need of water; Hydric balance; Plant tolerance to salinity; Crop planning and establishment.	60	1 st	11010
LPV0663	Protected Cultivation of Vegetables	Simone da Costa Mello	Plasticulture; Structures; Protected environment cultivation systems; Fertirrigation.	60	2 nd	11010



Luiz de Queiroz College of Agriculture

Course Offerings

Degree codes:

- 11010 - Agriculture
- 11020 - Forestry
- 11040 - Licentiate Degree in Agriculture
- 11050 - Economics
- 11061 - Food Science
- 11070 - Biological Sciences (104 = Licentiate Degree; 4 = Bachelor Degree)
- 11080 - Environmental Management
- 11090 - Management

LPV0664	Cropping Systems	Antonio Luiz Fanceli	Agriculture and production systems; Evolution and domestication of cultivated plants; Origin and history of agriculture; Agroecosystems, characteristics, limitations and recommendations for management; Conventional system of production and methods of the preparation of the soil; Importance of the employment systems of crop rotation; Crop implantation and management under direct or minimum tillage; Intercropping systems of production; Planning, implantation and analysis of integrated and diversified production systems of agricultural importance; Agroforestry and animal production systems. Cropping systems x Agricultural enterprises; Management processes and management for quality.	60	1 st	11010
LPV0668	Aromatic and Medicinal Plant Production	Keigo Minami	Physiology of production, planning and characterization of the main aromatic and medicinal plants.	90	1 st	11010
LPV0671	Weed Control	Pedro Jacob Christoffoleti Ricardo Victoria Filho	Weed definitions, background, classification and survival mechanisms; Main weed damages to crops and weed seed bank dynamics; Weed control methods; Herbicide soil and plant behavior, herbicide selectivity to crops, herbicide selectivity to crops, herbicide mechanisms of action and environmental impact of the herbicides; Research projects in weed management; Herbicide spraying equipment's and calibration; Weed control in annual and perennial crops, pasture and forest, fruit and vegetable crops, aquatic environment and non-cultivated areas.	90	1 st	11020 11010



Luiz de Queiroz College of Agriculture

Course Offerings

Degree codes:

- 11010 - Agriculture
- 11020 - Forestry
- 11040 - Licentiate Degree in Agriculture
- 11050 - Economics
- 11061 - Food Science
- 11070 - Biological Sciences (104 = Licentiate Degree; 4 = Bachelor Degree)
- 11080 - Environmental Management
- 11090 - Management

LPV0672	Weed Biology and Management	Pedro Jacob Christoffoleti Ricardo Victoria Filho	Origin, evolution and importance of weed biology for weed management; Evolution strategies and ecological succession; Weed classification, reproduction and dispersion mechanisms; Weed population dynamics in agroecosystems; Weed seed bank in agricultural areas; Weed identification and systematics; Weed vegetation methods of analysis; Interference between weeds and crops; Preventive, biological, mechanical and chemical measures of weed control; Weed herbicide resistance; Pesticide ecotoxicology and genetically modified crops resistant to herbicides.	60	2 nd	11020 11010
---------	-----------------------------	--	---	----	-----------------	----------------