

PROJECT DESCRIPTION

ESALQ Special Program aims to introduce an academic experience in Tropical Bio-based Production Systems to undergraduate and graduate students from partner universities interested in identifying research opportunities in collaboration with ESALQ.

This first edition was developed considering the most relevant research topics from eleven ESALQ Departments related to bio-based production systems with the purpose of offer to the thirty participants of different fields of knowledge and backgrounds a comprehensive vision about Brazilian agriculture production, including economics, technical and social aspects.

APPLICATION

Partner universities were invited to send their students to ESALQ Special Program and received application form. If there are more candidates than the positions offered, please, let us know, contacting: summerschool.esalq@usp.br

The deadline to application is May, 30th.

MEALS

In regular restaurants meal will cost around US\$10/day.

Attendees will have access to the University restaurant, where the meal is around US\$ 0.50. It is open from Monday to Friday (lunch and dinner) and Saturday (lunch).

HOUSING INFORMATION

Arco Hotel and Antonio's Palace Hotel offer rooms to ESALQ Special Program participants. They have both very comfortable accommodations and are very near ESALQ campus as well as accessible to downtown Piracicaba.

→ ESALQ will offer shuttle from these hotels during special program days to all participants.

→ Reservations can be made right in the hotel webpage.

Antonio's Palace Hotel (1.8-km far from ESALQ campus)

Av. Independencia, 2805 - Piracicaba

Phone: +55 (19) 3417-6000

Bookings: reservas@antonios.com.br

Webpage: <https://www.antonios.com.br/>

(Please, inform in the message that you are ESALQ Special Program participant)

STANDARD (daily rate)

Double Room: BRL 190,00 / USD 53,00

Triple Room: BRL 230,00 / USD 64,00

Arco Hotel Piracicaba (1.7-km far from ESALQ campus)

Av. Saldanha Marinho. 1525 - Piracicaba

Webpage: <http://www.arcohotel.com.br/>

Bookings: piracicaba@arcohotel.com.br

(Please, inform in the message that you are ESALQ Special Program participant)

STANDARD (daily rate)

Single Room: BRL 149,00 / USD 42,00

Double Room: BRL 189,00 / USD 52,50

Triple Room: BRL 239,00 / USD 67,00

PREMIUM (daily rate)

Single Room: BRL 259,00 / USD 72,00

Double Room: BRL 299,00 / USD 83,00

Triple Room: BRL 359,00 / USD 100,00

EXTERNAL TECHNICAL VISIT

July 26th - Bayer Crop Science - Center of Expertise on Tropical Agriculture

July 28th – CTC - RTechnological Center of Sugarcane

Aug 2nd – Dairy cooperative (small-scale producers)

Aug 4th – Plantarum (Botanical garden)

Aug 5th – Raizen (Sugarcane and bioenergy largest company in Brazil)

IN-CAMPUS TECHNICAL VISITS

GEA – Group of Experimentation and Agricultural Practices

CEPEA – Center of Applied Research on Economics

ESALQ-Log – Center of logistics applied to agribusiness

Distillery – Production of cachaça (typical Brazilian liquor)

“Casa do Produtor Rural” – Center to support producers through extension

“Clinica do Leite” – Center to monitor milk quality in the country

THEORETICAL PROGRAM

Lecturer	Workload (h)	Theme
<i>Animal production in the Tropics</i>		
Dante P. Lanna	3,0	Importance, challenges and opportunities for Tropical Animal Production Industries
<i>Biodiversity on agricultural regions</i>		
Alexandre Percequillo	1,5	Biodiversity in tropical biomes
Luciano Verdade	1,5	Biodiversity conservation in multifunctional agricultural landscapes
<i>Biomass and Bioenergy Production Systems</i>		
Helaine Carrer	1,5	Biotechnology towards to Biomass Production
Thiago Romanelli	1,5	Energy balance of biomass production systems
Leandro Gimenez	1,5	Asset requirement for distinct scales of commodity production
Celso Omoto	1,0	Integrated Pest Management programs in tropical agroecosystems
José Belasque Jr	1,0	Epidemiology and disease control in the tropics
Angelo Jacomino	1,5	Post-harvest of horticultural products in Brazil
Edgar Beauclair	1,5	Overview on sugarcane production
Pedro Christofoletti	1,5	Weed Biology and Management in tropical agricultural systems
<i>Food technology on tropical biomass</i>		
Thais Vieira	3,0	Extraction of antioxidant compounds from brazilian fruits and agricultural residues
<i>Management of Agricultural Landscape</i>		
Alexandre Dematte	1,5	Strategies to monitor soil-landscape relations
Carlos C. Cerri	1,5	GHG emissions and mitigation in tropical agriculture
<i>Natural resources</i>		
Antonio Azevedo	2,0	Environmental role of tropical soils
Luiz Martinelli	2,0	Natural cycles and land use change in tropical environment
<i>Overview on Tropical Agriculture</i>		
Durval Dourado Neto	1,0	Overview on agriculture
Francisco Mourão	1,0	The Citrus industry in Brasil
Marcos Bernardes	1,0	Overview on agroforestry systems

Sciences applied to biomass production

Clarice Demétrio	1,5	Statistics applied to agribusiness
Carlos Labate	1,5	Research and Development for cellulose-derived biofuels

Social issues on rural environment

Márcia Azanha	1,5	Social aspects of biofuel production
Antonio Almeida	1,5	Perspectives on environment and media

Tropical bio-based economy

Ricardo Shirota	3,0	Natural resources economics of tropical agricultural goods
João Martines	3,0	Economic Aspects of the Biofuel Program in Brazil

Water management on biomass production

Marcos Folegatti	1,5	Challenges on Water for Food production in a Country Rich in Water
Plinio Camargo	1,5	Water quality in tropical basins

TOTAL	45,0	
--------------	-------------	--