

# Circular Economy and Sustainable Development in Latin America

## INTERNATIONAL WINTER SCHOOL

### ABOUT THE PROGRAM

The adoption of the Paris Agreement, the Sustainable Development Goals, and the upcoming session of the COP25 in Chile have made possible a new World paradigm centred in resilience and sustainability. Firstly, resilience is conceived as the capacity of adapting to complex situations. On the other hand, Sustainability tends to be associated to progress and environmental care. These two concepts have been acknowledged by the ensemble of society to promote green policies with the promise of achieving a resilient and sustainable society.

This course focus on showing hands on experiences of companies and local governments in the execution of Sustainable Development Programs. Thus, the main objective of this program is to develop a critical thinking through study cases on Sustainable Development. Students will be able to identify technical, societal, political and cultural aspects involving the fields of Energy, Pollution, and Circular Economy at a national and international level.

### APPLICATIONS

All applicants are expected to have completed 2 years of studies. Applications are open to undergraduate students and recent graduate students from all technology-based engineering programs. Applications can be submitted via e-mail to [fing.international@usach.cl](mailto:fing.international@usach.cl) before May 31st 2019. Please include "International Winter School Application 2019" in the subject and a copy of your Resume (CV, Curriculum Vitae), a Cover Letter, and proof of proficiency in English.

### LANGUAGE

Most lectures will be given in English. Applicants are expected to be proficient in English. Proof of English proficiency will be necessary. Results of TOEFL, IELTS or DELE (Spanish proficiency) will be preferable, but other form of proficiency may be considered. Knowledge of Spanish will be an asset, as company visits and intercultural activities may be held in Spanish.



FACULTAD DE  
**INGENIERÍA**  
UNIVERSIDAD DE SANTIAGO DE CHILE

## FACULTY MEMBERS

### Dr. Héctor Chávez Oróstica

Ph.D. in Electrical and Computer Engineering  
Electrical Engineering Department  
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### Dr. René Garrido Lazo

Ph.D. in Philosophy – Engineering  
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### Dr. José Luis Salazar

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### Mag. María Luisa Saavedra

Master in Logistics Management  
Chemical Engineering Department  
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## COURSE WORKLOAD AND LENGTH

July 22th to August 2 2019 (15 days)

60 hours of academic activities and 30 hours non-academic activities (3 credits), which include:

- 6 lectures and 7 workshops delivered by academics and practitioners on Circular Economy and Sustainable Development.
- 4 case studies on Circular Economy Business Models.
- Intercultural activities and company visits.
- 1 field trip (all-day long).
- A certificate that may be validated/converted into credits by the home university.

## FURTHER INFORMATION

If you have any questions, please contact us via e-mail: [fing.international@usach.cl](mailto:fing.international@usach.cl)

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Outreach Department  
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## COST

- Program Fees are 660 USD.
- Students from partner universities will received a discount. Total fee will be 500 USD.
- The fee covers the program fee, company visits and intercultural activities. It does not include transportation costs from/to Santiago de Chile, board and accommodation or personal expenses.

Proyecto apoyado por



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