

## **MINING ECONOMY:**

### **Introduction to the Economy of Antofagasta and Chilean Mining**

#### **Goal:**

The course will introduce to the students the characteristics of the mining industry applied to the Chilean case and Antofagasta region.

#### **Lectures**

#### **Field visits or laboratory work**

**Total contact hours: 15**

#### **Contents:**

##### ***Module I***

- Introduction to the economy of Antofagasta Region and the city of Antofagasta.
- Characteristics of the Region
- Economic evolution
- Main challenges for development

##### ***Module II***

- Evolution of the World Mining Industry
- Description of the sector
- Prizes y cycles
- Resources
- Mining based on Development Policies
- Social License to operate
- Production Network of Global Mining
- Enclave and clusters

##### ***Module III***

- Mining in Chile
- Description of the sector
- Characteristics of the sector and evolution
- National policies for mining development

##### ***Module IV***

- Regional development from a mining base
- Discussion about the natural resources curse
- Opportunities and obstacles for development from a mining base
- Achievements in Antofagasta Region. The cluster's policy
- Mining in Antofagasta Region
- Mining history in Antofagasta
- Evolution and current situation
- Organization of the mining global network in Chile

#### **Bibliography and study materials:**

The student will be provided with the presentations of each lecture. Also, the student will have the possibility of using the University's available means and infrastructure (library, use of internet, etc.).

Arias, M., Atienza, M., Cademartori, J., 2014. Large Mining Enterprises and Regional Development in Chile: Between the Enclave and Cluster. *J. Econ. Geogr.* 14, (1), 73-95. <https://doi.org/10.1093/jeg/lbt007>

Aroca, P., Atienza, M., 2011. Economic implications of long distance commuting in the Chilean mining industry. *Resour. Policy.* 36 (3), 196-203. <https://doi.org/10.1016/j.resourpol.2011.03.004>

Bridge, G., 2008. Global Production Networks and the Extractive Sector: Governing Resource-based Development. *J. Econ. Geogr.* 8, 389-419. <https://doi.org/10.1093/jeg/lbn009>

Farooki, M., Kaplinsky, R., 2014. Promoting diversification in resource-rich economies. *Mineral Economics*, 27, 103–113. <https://doi.org/10.1007/s13563-014-0050-z>

Fundación Chile, 2015. Proveedores de la Minería Chilena, reporte de exportaciones 2010-2014. Fundación Chile, Santiago.

Phelps N., Atienza M., Arias M., 2015. Encore for the Enclave: The Changing Nature of the Industry Enclave with Illustrations from the Mining Industry in Chile. *Econ. Geogr.* 91 (2), 119–146. <http://dx.doi.org/10.1111/ecge.12086>