

CURRICULUM VITAE

(August 2th, 2021)

Name: Medinaceli Monrroy, Sergio Mauricio
Birth Day: March 24th., 1972
Address: Bloque 124, Dpto. 101, Los Pinos, La Paz – Bolivia.
Telephone: +591-2-2770921
Cell Phone: +591-72050547
Passport ID: 2339509 L.P.
Webpage: www.mmedinaceli.com
Email: mmedinaceli@yahoo.com
mm@mmedinaceli.com
Economist College: Item number 3551
Member of the National Academy of Economic Sciences of Bolivia

General overview of skills and experience of the last 10 years:

1. Household survey analysis for children participation, COVID-impact, energy demand, Microsimulation models, poverty and income inequality in Bolivia, Afghanistan, Pakistan, Bhutan and Bangladesh.
2. Tax Gap and Revenue Forecast for general taxes like VAT, CIT and PIT. Experience in Azerbaijan, Bangladesh, Bhutan, Colombia, Pakistan, Tajikistan, and Uzbekistan.
3. Tax Gap and Revenue Forecast in royalties and taxes inside the oil and gas sector. Experience in Afghanistan, Bolivia, Dominican Republic, Ecuador, Guatemala, Honduras, Papua New Guinee, Paraguay, South Sudan.
4. Feasibility studies for power and oil & gas sector Argentina, Afghanistan, Bolivia, Brazil, Chile, Dominican Republic, Honduras, Papua New Guinee, Paraguay.
5. Microsimulation modelling for tax administration offices in VAT, CIT and PIT. Experience in Azerbaijan, Bangladesh, Bhutan, Colombia, Pakistan, Tajikistan, and Uzbekistan.
6. Hydrocarbons minister in Bolivia. 2005-2006

PRE AND POST - UNIVERSITY STUDIES

1990-1994 Bachelor in Economics. Bolivian Catholic University
1995-1997 Master in Economics. ILADES. Santiago - Chile.
1995-2003 Master of Sciences in Economics. Georgetown University - USA
1998 Economy of Regulation, Harvard Institute for International Development (HIID) Programs - Bolivian Catholic University
2001 Summer School 2001: Social Justice in to Market Economy. Iberian America Institute for Economic Research. University of Göttingen.
2002 World Fiscal Analysis for Petroleum. Van Meurs & Associates. México D.F.
2019 Postgraduate Diploma in Learning and Teaching in Higher Education. Universidad Mayor de San Andrés. La Paz – Bolivia.

EMPLOYMENT HISTORY

Public and private sector staff positions

1. Dean of the economics department at **Catholic University of Bolivia**, December 2020 – Present. Currently working with general aspects of the department and Children Participation survey with the Psychology department.
2. Member of the Board of Directors of private **Fortaleza Insurance Company** in Bolivia, March 2016 - Present.
3. Member of the Board of Directors of private **Bank Fortaleza** in Bolivia, August 2014 - January 2015.
4. Hydrocarbons Coordinator – **Latin American Energy Organization (OLADE)**, Quito, Ecuador. March 2008 – June 2010. Main responsibilities: 1) Analysis of the E&P contract (hydrocarbons sector) in Latin America; 2) Analysis of the price oil derivatives formation in Latin America; 3) Promote energy integration projects in Latin America.
5. Hydrocarbons Minister - **Ministry of Hydrocarbons and Energy (Bolivia)**. November 2005 - January 2006. Main responsibilities: at that moment the President needed a technical person (not political one) to be in charge of the Ministry (and give some stabilization process) only for a couple of months until the new elected President took charge of the country. Mr. Rodriguez, as head of the judiciary and fourth in the line of succession, became president only to call elections within one year's time.
6. Economic Advisor of the Executive Presidency – **Bolivian National Oil Company (YPFB)**. La Paz - Bolivia. (November 2001 - January 2003). Main responsibilities: 1) Analysis of the tax system in the hydrocarbons upstream in Bolivia; 2) analysis of the price formation in the Bolivia-Brazil GSA of natural gas. Today Bolivia is the major gas export country in South America a tradition kept in the last 40 years ago.
7. Chief of the Norms and Control Unit, **Viceministry of Energy and Hydrocarbons**. La Paz - Bolivia. (April 2000 - February 2001). Main activities: 1) Propose modifications to the legal framework applied in the hydrocarbons sector in Bolivia; 2) Create economic models to evaluate different public policies applied to the hydrocarbons sector; 3) Interact with private companies to create the Pipelines Legal Framework in Bolivia; 4) Create economic tariff models for hydrocarbons pipelines.
8. Junior and Senior economist in the sectors: hydrocarbons, mining and electricity. **Analysis Unit of Economic and Social Policies (UDAPE) Bolivia's Government Think Thank**. Main activities: 1) Economic research inside the hydrocarbons, mining and electricity sectors; 2) Analyze the proposed modification to the legal framework in the sectors under my charge; 3) Meetings with IMF and World Bank to evaluate the behavior of the sectors under my charge; 4) Create economic statistics; 5) Economic advisor to the Finance Minister La Paz - Bolivia. (November 1997 - March 2000).
9. Division Chief of the Research Department. **Ministry of Industry and Trade of Bolivia**. February - June. La Paz - Bolivia. (March - May 1994).

Private sector and international agencies as energy/economic short- and medium-term consultant

Fiscal, government and social analysis mainly in the extractive sector

1. **Interamerican Development Bank (IDB)**. Evaluation of COVID impact on the bolivian labor market. June 2021 – Today.
2. **Arthur D. Little Middle East FZ-LLC**, main client Ministry of Industry of the Kingdom of Saudi Arabia. Main assignment is the estimation, using a general equilibrium model of the impact in the industry sector of the country of the increase in VAT. August 2020 – March 2021.
3. **United Nations (PNUD)**. Evaluation of the Bolivian government economic tools to mitigate the impact of COVID at micro level in Bolivia. July – December 2020.
4. **Hydrocarbons Ministry of Bolivia**. Propose main reforms in the hydrocarbons sector in Bolivia to promote investment, increase natural gas reserves and open markets. July – December 2020.

5. **World Bank**, tax gap analysis and Revenue Forecasting in Tajikistan, main assignment built a microsimulation model to estimate the tax gap in the country. June 2019 – Today.
6. **World Bank**, tax gap analysis and Revenue Forecasting in Uzbekistan, main assignments are built a microsimulation model to estimate the tax gap in the country and estimate the shadow economy in the country. June 2019 – Today.
7. **Independent Joint Anti-Corruption Monitoring & Evaluation Committee**. Scope: bring to the project high caliber expertise in the mining and extractives industry, best practices, and development and implementation of reforms. The Consultant will work closely with a National Consultant and permanent staff from the MEC Secretariat dedicated to the Active Follow-Up Team. Kabul, Afghanistan. 54 days during July- December 2019.
8. **Bhutan Government – Ministry of Finance**. Update of the microsimulation model used to evaluate tax systems in the country. June 2019.
9. **World Bank**, tax gap analysis reform and Revenue Forecasting in Azerbaijan, the main assignment was built a microsimulation model to estimate the tax gap in the country. December 2018 – February 2019.
10. **World Bank**, tax gap analysis reform and Revenue Forecasting in Pakistan, the main assignment was built a microsimulation model to estimate the tax gap in the country. July 2018 – March 2019.
11. **Bhutan Government – Ministry of Finance**. Microsimulation model seminar. June 2018.
12. **International Finance Corporation (IFC)**, cost/benefit analysis in general tax collection for the Tax Office (Dirección Distrital de Impuestos) and Revenue Forecasting. Bogota, Colombia. July 2018 – December 2018.
13. **World Bank**, fiscal modeling of tax reform in Pakistan, the main assignment is built a microsimulation model to evaluate economic (fiscal revenues) impact. December 2017 – June 2018.
14. **World Bank**, fiscal modeling of tax reform and Revenue Forecasting in Bhutan, the main assignment was built a microsimulation model to evaluate social (poverty and Gini) and economic (fiscal revenues) impacts. October 2016 – January 2017.
15. **World Bank**, fiscal modeling of VAT reform and Revenue Forecasting in Bangladesh, the main assignment was built a microsimulation model to evaluate social (poverty and Gini) and economic (fiscal revenues) impacts. October 2016 – January 2017.
16. **Adam Smith International**, Hydrocarbons expert to assist to the Ministry of Mines and Petroleum of Afghanistan in several aspects of the natural resources industry in the country. September 2016 – September 2017.
17. **World Bank**, Short Term Consultant to assist the Petroleum Directorate of the Ministry of Petroleum and Mining of the Republic of South Sudan to build and employ project economic models so that advice is available to the Ministry on a range of economic issues, including project profitability, revenue forecast and fiscal terms. November 2015 – May 2016.
18. **Galisheff & Associates**, analysis of the Government Take participation in oil fields in South Sudan, during the transition period. July 2014, July 2015.
19. **IDEA International**, work with conceptual, technical, operative and normative proposals to implement the Productive Development Found using the hydrocarbons revenues (according the Autonomy Law in Bolivia). La Paz, Bolivia. April - July 2011.
20. **Help Age International**, For the UNPD publication "Cuadernos del Futuro" I estimated the economic and social impact of cash transfers for 65+ people financed with hydrocarbons revenues. September 2010 - January 2011.
21. **PKF Consulting Group**, economic and financial auditing to oil companies in Bolivia, March 2007 – January 2008.
22. **IDEA International**, Description and Analysis of Hydrocarbons Tax Regime in Bolivia. June - November 2007. La Paz – Bolivia.
23. **German Technical Cooperation (GTZ)**, projection of the revenues from the Direct Tax to the Hydrocarbons (IDH). June 2006. La Paz – Bolivia.

24. **Bolivian National Oil Company (YPFB)**, consultant to analyze the PETROBRAS proposal regarding the fiscal impact of the take or pay differed payments, June 2005.
25. **Catholic University of Bolivia**. Analysis of the Economic and Social Impact of the Pensions Systems, Pensions, Values and Insure Superintendence. September - December 2004. La Paz – Bolivia.
26. Short Term Consultant of the **World Bank**. Evaluation of the Government Take for LNG gas export Bolivian project. May - June 2004. La Paz – Bolivia.
27. **Catholic University of Bolivia**. Senior researcher in the “Alternative Model of Development: a calendar of politicians for the new decade” project, inside the Research Strategic Program in Bolivia (PIEB). July 2002 - August 2003. La Paz – Bolivia.
28. **Bolivian National Oil Company (YPFB)**, in charge of oil derivatives prices stabilization process. March - October 2001. La Paz - Bolivia.
29. **General Superintendence of SIRESE**, in charge of Inspection - Administration Report of the Hydrocarbons Superintendence. March – November 2001. La Paz - Bolivia.

Institutional Reforms in Energy Sector

1. **OLADE (Latin America Energy Organization)**, consultant to elaborate the new Hydrocarbons project of Law in Honduras. October 2015 - February 2016.
2. **UNICON International** team leader of the project "Consultancy Services for Improving the Business Environment: Reform of the Afghanistan State Gas Enterprise ('Afghan Gas')". September 2014 - September 2015.
3. **Research Group on Energy Systems (GISE) of the National University Polytechnic Faculty of Asuncion/Paraguay**, as associate investigator to support of the design of National Energy Policy for Paraguay Government. November 2014 - November 2015.
4. **PETROPAR (State Oil Company of Paraguay)**, energy consultant to evaluate the oil derivatives prices policy in the company. March - August 2011.
5. **United Nations Development Program** energy consultant to analyze the Bolivian Hydrocarbons Policy between 2006-2013. September - December 2013.
6. **Oxford Policy Management**, energy consultant to analyze the transparency of the hydrocarbons sector in Bolivia. June - September 2012.
7. **Ministry of Mining and Hydrocarbons** to collaborate in the modification of the Hydrocarbons Law in the tax system reform. Main tasks: 1) Complete the Hydrocarbons Project Law, in particular, the modification to the Tax System applied to the upstream sector in Bolivia; 2) Complete modeling of all upstream fields in Bolivia, more than 40 cash flows were made; 3) Present the Hydrocarbons Project Law to the Bolivian Congress. November 2003 - March 2005.
8. **Bolivian tax collector government office (SIN)**, working with the input/output energy-tax matrix for, August-November 2005.

Market analysis and feasibility studies extractive industries

1. **AES Corporation**. Analysis of the CNG consumption in the automobile industry in Dominican Republic. Dominican Republic, January 2020 – August 2020.
2. **Public Joint Stock Company Acron (Russian company)**, to elaborate the document “Prospects of gas production in Bolivia” which is an update of the Bolivian hydrocarbons situation in 2019. April – June 2019. La Paz, Bolivia.
3. **World Bank**, assessment of mining and LNG models for the government of Papua New Guinea, the main assignment is study and reproduce the models provided by the private sector to the Government in regard the LNG projects. October 2018 – December 2018.
4. **International Finance Corporation (IFC)**, sector economist to support in a calibration exercise, including rating projects in IFC’s investment portfolio. The main tasks include, reading all project documents related to the investment, understanding the project rating

system and its sector frameworks, working in collaboration with sector economists and results measurement specialists, assigning ratings, and drafting corresponding justifications. Washington. January 2018 – May 2018.

5. **ABS Consulting Group & Latin American Energy Organization (OLADE)**, energy consultant analyze the natural gas legal framework in Guatemala. November 2014 - March 2015.
6. **Economic Commission for Latin America and the Caribbean - United Nations (CEPAL)**, to prepare a document on governance for unconventional natural gas in the regional sustainable development. Covered countries: Argentina, Colombia, Brazil and Mexico. June -August 2014.
7. **UNICON International**, energy consultant to analyze the natural gas market in 2 provinces in Afghanistan (Sheberghan and Mazar). February - August 2013.
8. **AxSeum - AEAI - USAID**, gas economist in the Sheberghan Project for Natural Gas Production and Electricity generation in Afghanistan with the following tasks: 1) elaborate the Feasibility Report on Industrial Development and Natural Gas Development in Afghanistan; 2) coordinate the capacity building program for the Ministry of Mines and Petroleum (MoMP), Afghan Gas Enterprise (AGE) and Oil and Gas Service (OGS); 3) training sessions (as trainer) in economic and finance analysis in the oil and gas sector for MoMP, AGE and OGS. I worked for AEIA under the supervision of USAID. October 2012 - July 2013.
9. **JDH Energy solutions under the supervision of TFBSO**, energy consultant in the Conversion Natural Gas (CNG) Pilot Station project in Afghanistan, with the following tasks: 1) support with the cash flow modelling construction for a CNG Pilot Station; 2) estimate the impact of several variables in the cash flow financial indicators; 3) construction of a financial model including the cash flow and sensitivities for a CNG pilot station. March – April 2012.
10. **JDH Energy solutions under the supervision of TFBSO**, energy consultant in the TAPI pipeline project, with the following primary tasks: 1) analysis of the natural gas market in Turkmenistan, Afghanistan, Pakistan and India (TAPI countries); 2) analysis of the energy markets in TAPI countries; 3) design of the TAPI preliminary pipeline trace; 4) estimate of the CAPEX and OPEX of TAPI pipeline; 5) estimate of transport tariff for TAPI pipeline based on cash flow methodology; 6) analysis of possible transit fees applied by Afghanistan in the TAPI project. March 2011 – April 2012.
11. **CALDEN** (Argentinean company) energy consultant to analyze the capacity of Bolivia to supply natural gas to Paraguay and Uruguay through a future pipeline connection, March - June 2012.
12. **Andean Corporation of Development (CAF)** to analyze the natural gas markets in Uruguay and Paraguay, inside the project “Prefeasibility Study of Natural Gas Supply from Bolivia to the Regional Market, focus in Paraguay and Uruguay supply”, July - December 2010.
13. **Prisma Energy America do Sul Ltda. (Brazilian Company)**, Description and Analysis of LPG Market in South America. September - November 2006. La Paz – Bolivia.
14. **Prisma Energy America do Sul Ltda. (Brazilian Company)**, Description and Analysis of the LPG Market in Bolivia. July and August of 2006. La Paz – Bolivia.
15. **Inter American Development Bank (IADB)**, Description and Analysis of Hydrocarbons Sector in Bolivia. June - December 2007. La Paz – Bolivia.
16. **Inter American Development Bank (IADB)**, Description and Analysis of Hydrocarbons Sector in Bolivia. November - December 2006. La Paz – Bolivia.
17. **Latin America Energy Organization (OLADE)** energy consultant to study the price and subsidies of LPG in Latin America. April - May 2012.
18. **Andean Corporation of Development (CAF)** to elaborate a descriptive document of the hydrocarbons sector in Bolivia. 2005. La Paz – Bolivia.
19. Research proposal elected in the Socioeconomic Investigations Contest about Life and Poverty Conditions in Bolivia promoted by the **Bolivian National Institute of Statistic**. Proposal: “Consumption of Natural Gas in the Urban Internal Market: Does it benefit the Poor? - A microsimulation analysis”. February - June 2005. La Paz – Bolivia.

20. Economic Advisor. **Bolivian Hydrocarbons Chamber**. Main activities: 1) Reports about the tax system applied in the hydrocarbons upstream in Bolivia; 2) Economic advisor to the members of the chamber; 3) Several analysis about the hydrocarbons sector in Bolivia May 2003 - October 2003. Santa Cruz – Bolivia.
21. Economic Advisor of the **Hydrocarbons Superintendence**. February - April 2003. La Paz - Bolivia

Electricity market and renewable energies

1. **United Nations (PNUD)**. Pre-Feasibility study to promote the electric cars industry in Bolivia. July – December 2020.
2. **Latin America Energy Organization (OLADE)**, energy consultant to forecast the Energy Balance for Bolivia 2013 - 2030. June - October 2013.
3. **ABS Consulting Group**, energy consultant to simulate the electricity generation tariffs in Bolivia under different price scenarios. March - August 2013.
4. **JDH Energy solutions under the supervision of TFBSO**, consultant in the construction of energy generation models the modeling of electricity tariffs of thermoelectric plants. March 2011 – April 2012.
5. **German Technical Cooperation (GIZ)**, energy consultant to forecast the electricity generation prices for Bolivia, February 2012.
6. **German Technical Cooperation (GTZ)**, consultant to analyze the feasibility of a biofuel project on Bolivia, March 2008.
7. **German Technical Cooperation (GTZ)**, in the project Component Access to Energy Services PROAGRO-GTZ. June - October 2006. La Paz – Bolivia.
8. **Friedrich Foundation - ILDIS**, energy consultant for the regional Foundation Program in energy integration, January – March 2008.
9. **Friedrich Foundation - ILDIS**, energy consultant for the analysis of Energy Markets in the South America, May – June 2008.

SELECTED PUBLICATIONS:

Books

- **“The Nationalization of the New Millennium: When the Price was an Ally”**. Fundemos. March 2007. La Paz – Bolivia.
- **“Regulatory Frameworks: Efficient State-Owned Enterprises”** OLADE, University of Calgary, April 2009.
- **“Generation, distribution and use of the oil rent”**. With Del Granado H., Mokrani L. & Gumucio J. PIEB Foundation. May 2010.
- **Recent Cycles of Bolivian Economy**. With Horst Grebe, Rodrigo Fernández and Cristina Hurtado Prisma Institute, PIEB, Netherland. 2009. La Paz – Bolivia.
- **“Oil dilemmas in Latin America”**. Editorial 3600. La Paz, Bolivia.

Articles in Books

- "Tax Systems in the Hydrocarbon Sector in Bolivia: contrafactual analysis." **The pendulum of Gas**. Candia F. and N. Pacheco editors. Milenio Foundation. First Edition. Aug 2009. La Paz - Bolivia.
- " Income Tax as an Alternative to Direct Tax on Hydrocarbons" **Bases for Financing the New State and the Autonomous Regime**. Ministry of Autonomy - Pulso Magazine - First Edition 2010 GTZ.

- "Bolivia: economic outlook 2005-2014" with Mercado A. and J. Leitón in **Thirty Years of Economy in Bolivia: History and Prospective**. Socio Economic Research Institute - Bolivian Catholic University. First Edition. 2010. SOIPA.
- "Senior Adults: Unequal and various" in **Cuadernos del Futuro 29**. UNDP Human Development Report, August 2011. La Paz - Bolivia.
- "Historical overview of the hydrocarbons sector in Bolivia (1916-2016)". In **One Century of Economy in Bolivia 1900 – 2015**. Tomo II. Konrad Adenauer Stiftung. La Paz, Bolivia.

Journals

- The Current Mining Tax System in Bolivia. Journal of Economic Analysis. Vol. 17. UDAPE. October 1999. La Paz - Bolivia.
- Subsidy to LPG Price in Bolivia. Latin American Journal of Economic Development. Nº. 1. September of 2003. La Paz – Bolivia.
- Consumption of Natural Gas in Urban Internal Market: Does it benefit the Poor? - A Microsimulation Analysis. Journal of Economic and Social Studies. No. 4. National Institute of Statistic. La Paz - Bolivia. September, 2005.
- Gas Natural and Inequality in Bolivia alter Nationalization, con Andersen L., Caro J. & Faris R. Journal of Energy and Development Vol. XXXI No. 2, Spring 2006, ICEED.
- Natural Gas Consumption in Bolivia: An Almost Ideal Demand System Application. Journal of Economic Analysis. Vol. 24, Nº 2, pp. 3-33. December 2009. ILADES/Georgetown University. Santiago de Chile.
- Impact of Cash Transfers financed with oil rents. Umbrales Magazine, # 20. CIDES. June 2010. La Paz, Bolivia.
- Addicted to Oil: A Latin American perspective. Letras Verdes Magazine. # 8. January 2011.
- Balance and perspective of the hydrocarbons policy in Bolivia 2006-2013. Cuadernos de Reflexión y Análisis de Políticas Públicas Nº 5. PNUD. 2014. La Paz, Bolivia.

Other publications

- **Notes about the oil sector**. Economic colloquies. Milenio Foundation. No. 1. November 2004.
- **"How to take advantage of favorable external contexts in the hydrocarbons sector?"** The exports activities of Bolivia. Economic Bulletin: Context Analysis. Milenio Foundation. No. 2. November 2004.
- **Tributary aspects of the Hydrocarbons 3058 and the Supreme Decree 28701**. The Nationalization under the glass. Milenio Foundation. August of 2006.
- **Gas and Inequality: Impacts of the Nationalization**. Andersen E. Lykke, Expensive Johann Faris Robert and Medinaceli Mauricio. Milenio Foundation. Economic colloquies. No. 4. September of 2006.
- **Direct Tax to the Hydrocarbons: Origin, uses and abuses**. Milenio Foundation. Economic colloquies. No. 9. December of 2007.
- **"Energy opening in Bolivia"**. The energy factor and the integration perspectives in South America. Kurt-Peter Schütt, Flavio Carucci (Coordinators). ILDIS (Ed.) Caracas 2008. pp. 266.
- **Direct tax to the Hydrocarbons: origin, uses and destinations**. Institute for Democracy Electoral and Assistance (IDEA). 2008.
- **Methodologies for the determination of oil derivatives prices: South America**. Latin American Energy Organization (OLADE), February 2010, Quito - Ecuador.
- **Exploration and Exploitation Contracts: South America**. Latin American Energy Organization (OLADE), February 2010, Quito - Ecuador.

- **Fuel Subsidy Policies in Latin America: LPG Price.** Latin American Energy Organization (OLADE), May 2011, Quito - Ecuador.
- **Hydrocarbons sector in Bolivia,** Policy Paper 03/2012. FES Bolivia. La Paz, Bolivia 2013.

Others

- **Evaluation of the Mining Tax System: 1934-1996.** Thesis of Degree. Bolivian Catholic University. 1997. La Paz - Bolivia.
- **Social Impact of the Determination of the Gasoline Diesel and Diesel Oil Prices in Bolivia.** Document presented in the seminar Social Justice and Economy of Market, carried out in Göttingen - Germany. September 2001.
- **Fiscal participation of the 'Upstream' hydrocarbons sector in Bolivia: 2002-2026.** Monthly bulletin – Bolivian State Oil Company (YPFB). January - March 2002. La Paz - Bolivia.
- **Fiscal risk in the Stabilization of Gasoline Price in Bolivia.** Postgraduate Program ILADES/Georgetown University. Santiago - Chile.
- **LPG Price Subsidy in Bolivia.** Postgraduate Program ILADES/Georgetown University. Santiago - Chile.
- **Natural Gas Export: The effect over growth, employment, inequality and poverty.** Andersen E. Lykke, Faris Robert and Medinaceli Mauricio. Socio Economic Institute of research. Bolivian Catholic University.
- **Tax Régime in the Hydrocarbons Sector in Bolivia.** Confidential Report # 126. Julio - August 2003 - Müller & Associates. La Paz - Bolivia.
- **Tax Systems in the Bolivian Oil Sector.** Bolivian Hydrocarbons Chamber. November 2003.

Academic Activities

Bolivian Catholic University – La Paz, Bolivia

- Full time Professor. Market Theory, Welfare Theory and Microeconomics II, February-October 2001.
- Part time Professor: Microeconomics I, Microeconomics II, Macroeconomics I and Welfare Theory, 1998-2007.
- Economic analysis in the Master of Development, inside the *Graduate of Statistical Analysis*, 2001.
- “Micro-economic foundations of the State Intervention in the Economy” inside the *Economy and Administration of the Public Sector Program* of the Economic and Financial Sciences Faculty – Postgraduate Unit, July and August of 2005.
- Microeconomics I in the *Master in Economy* of the Economic and Financial Sciences Faculty – Postgraduate Unit, August 2005 - January 2006; May - I Wither 2007.
- Microeconomics II in the *Master in Economy* of the Economic and Financial Sciences Faculty – Postgraduate Unit; September - December 2007.
- Microeconomics in the *Master of Preparation, Social Evaluation and Project Managerial* of the Economic and Financial Sciences Faculty – Postgraduate Unit, April 2006.
- International companies and foreign investment. Production and competitiveness school. February 2011.
- Natural resources and environment. Master in public policies. May 2012.

Andean Simón Bolívar University – La Paz, Bolivia

- Regulatory Aspects of the Oil Sector in Bolivia, inside the Master in Regulation and Competition, March 2003.

- Oil Taxes in the Master in Tributary Law, May and June 2005; November and December 2006; December 2007; April 2009.
- "Hydrocarbons Law 3058", October and November of 2005.
- Hydrocarbons Contracts, Superior Specialization in Juridical Analysis of Civil and Commercial Contracts, December 2009.

Major University of San Andrés - La Paz, Bolivia

- Advanced Microeconomics in the Master in Financial Economy, July and August of 2003.
- Advanced Microeconomics in the Master in Financial Economy, October and November of 2005.
- Hydrocarbons Workshop in the Graduate Development Sciences (CIDES) - Specialty in Conflicts Handling in Bolivia, April and May of 2007.
- Fiscal aspects of the hydrocarbons sector in the Hydrocarbons Graduate Program, June and July of 2007.

Bolivian Private University - Bolivia

- Fiscal régime in the Hydrocarbons Sector in the Technology and Administration of Petroleum and Natural Gas Postgraduate Degree, September 2005 (Tarija), January 2006 (Cochabamba), February 2006 (La Paz), August 2008 (La Paz).
- Regulation in the Hydrocarbons Sector in the Technology and Administration of Petroleum and Natural Gas Postgraduate Degree, March 2006 (La Paz), July 2007 (Cochabamba).
- Update Course for PETROBRAS Bolivia, June 2007 (Santa Cruz).
- Politics, Strategy and Financial Engineering in the MBA Oil & Gas - Master in Administration and Management of Enterprises, March 2010, Santa Cruz de la Sierra and Cochabamba.

Military School of Engineering - La Paz, Bolivia

- Economic Development in Commercial Engineering. First Semester of the year 2007.
- Topics of Economy in Commercial Engineering. Second Semester of the year 2007.

University of the America - Quito, Ecuador

- Microeconomics II in International Business Degree, November and December of 2008 - January of 2009.
- Microeconomics I in the International Business Degree, January to March of 2009.
- Microeconomics II in the International Business Degree, March - Julio 2009.
- Microeconomics II in the International Business Degree, October 2009 - February of 2010.

FLACSO - Quito, Ecuador

- Political Economy in the Master of Energetic Governance, June - July 2009, March - May 2010.

Conservation Strategy Found

- Microeconomics in the course Economic Tools for the Conservation Strategy Found, Santa Cruz of the Sierra - Bolivia, August 2008, Cotopaxi - **Ecuador**, Noviembre 2010; Tarapoto - Perú, 2012; Cuzco - **Perú**, Junio 2012; Villa de Leyva - **Colombia**, 2013.

Conservation Strategy Found - UNAM – Ciudad de Mexico, Mexico

- "Microeconomics" inside the Economic Tools course. Conservation Strategy Fund. 2014, 2015 y 2016.

Other

- Microeconomics and Macroeconomics in the training "Course for Investment Advisors" for the Bolivian Stock Exchange, Julio and August of 2005; February 2014.
- Hydrocarbons Tributary Régime in the Master in Legal Management in Hydrocarbons, Major University of San Simón - Center of University Superior Studies, July 2006.
- Microeconomics in the course Economic Tools for the Conservation Strategy Found, National Park Madidi, Julio and August 2006.
- Study of the Hydrocarbons Sector dictated for the General Auditing Government Office, December 2006.
- Financial analysis in the Hydrocarbons Sector dictated in several countries of **Latin America** through the Training Virtual System of OLADE, May 2009, in Spanish and English.
- Course: Overview and governance of extractive industries in Latin America, in the postgraduate Seminar "Specialization in Extractive Industries, Security and Sustainable Development". **Pontifical Catholic University of Peru**. March 2012.
- Financial Analysis in Hydrocarbons Exploration and Exploitation Projects, for the Ministry of Mines and Petroleum and the gas company (AGE), **Afghanistan**, 2013.
- Economic Aspects of the Natural Gas Market, for the Ministry of Mines and Petroleum and the gas company (AGE), **Afghanistan**, 2013.
- International Hydrocarbons Markets. Petroecuador Quito, **Ecuador**.