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MARIA LOURDES OROPEZA  
ETEROVIC

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lourdesoropeza@upb.edu  
lourdesoropezaeterovic@gmail.com



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### SKILLS

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Leadership and decision-making abilities. Logical reasoning and problem-solving. Strong technical and communication skills, with a proven track record of success in academic and industrial environments.

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## EXPERIENCE

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### **HEAD OF PETROLEUM AND NATURAL GAS ENGINEERING PROGRAM / ENVIRONMENTAL AND ALTERNATIVE ENERGY ENGINEERING**

UNIVERSIDAD PRIVADA BOLIVIANA

June 2015 – Present

Management of two engineering programs, supervising faculty, coordinating curricula, and ensuring educational quality. Implemented new technologies and teaching methodologies to enhance student learning and strengthened industry relations to provide students with internship and employment opportunities..

### **GUEST LECTURER, GRADUATE PROGRAM IN CHEMICAL PROCESSES**

UNIVERSIDAD MAYOR DE SAN SIMON

February 2019 – Present

Teaching high-level courses in Chemical Process Simulation, Process Optimization, and Physical-Chemical Properties of Hydrocarbons. Supervising final projects, guiding students in research and development of innovative projects. Contributed to the development of diploma programs in Chemical Processes, Hydrocarbon Transportation and Distribution, Petrochemicals, and Biofuels.

### **FREELANCER**

July 2014 – March 2015

Quality Management Systems Specialist, providing consultancy to companies on the implementation and improvement of their management systems. Designed and simulated processes to optimize operational efficiency and profitability..

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## HIGHER EDUCATION

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### **MASTER'S IN PETROLEUM AND NATURAL GAS ENGINEERING**

Universidad Privada Boliviana

June 2018

### **BACHELOR'S IN PETROLEUM AND NATURAL GAS ENGINEERING**

Universidad Privada Boliviana

October 2012

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## DIPLOMAS

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### **LITHIUM, GREEN HYDROGEN, ENERGY STORAGE, AND EVAPORITIC RESOURCES**

Universidad Privada Boliviana  
December 2023

### **RESEARCH CULTURE IN TEACHING**

Universidad de la Rioja - UNIR  
January 2024

### **CONSTRUCTION, OPERATION, AND MAINTENANCE OF HYDROCARBON PROCESSING PLANTS**

Universidad Privada Boliviana  
September 2016

### **ENGINEERING AND SIMULATION OF PROCESSES IN THE HYDROCARBON INDUSTRY**

Universidad Privada Boliviana  
April 2016

### **HYDROCARBON TRANSPORTATION ENGINEERING AND TECHNOLOGY**

Universidad Privada Boliviana  
October 2015

### **SAFETY, ENVIRONMENTAL, AND OCCUPATIONAL HEALTH MONITORING**

Universidad Católica Boliviana  
September 2015

### **QUALITY MANAGEMENT SYSTEMS SPECIALIST**

**NB/ISO 9000:2008**

IBNORCA

December 2013

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## SHORT COURSES

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### **GENERATIVE ARTIFICIAL INTELLIGENCE APPLIED TO EDUCATION**

Universidad de la Rioja - UNIR  
May – July 2024

**PHOTOVOLTAIC SOLAR PUMPING**

PUM, ENDEV, GIZ

October 2023

**LEARNING ASSURANCE METHODOLOGY – AOL**

Universidad Privada Boliviana

December 2021

**A HOLISTIC VIEW OF CULTURE 5Z**

Universidad Privada Boliviana

May 2021

**EXPERT IN ASPEN HYSYS SIMULATION FOR THE  
HYDROCARBON INDUSTRY**

UOnline Chile Sp.A

June 2016

**FIRE LOAD ASSESSMENT AND PORTABLE FIRE  
EXTINGUISHER PROVISIONING**

Sociedad de Seguridad y Salud Ocupacional Filial Cochabamba

August 2014

**INDUSTRIALIZACIÓN DE GAS NATURAL  
PROCESOS PETROQUÍMICOS**

Engineering and Technology Training – ETT (Servicio de  
Consultoría y Capacitación)

Abril 2014

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**VOLUNTEER OR LEADERSHIP EXPERIENCE**

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**CENTRAL FIREFIGHTERS UNIT AND G.A.E.  
"NATANIEL AGUIRRE" (2014 - 2020)**

Quality Management Systems Specialist, implementing and maintaining an effective quality management system. Volunteer firefighter, participating in fire suppression, rescue, and disaster prevention activities..