



WORK OFFER

Ref. No. AR-2021-07-UNS

Employer Information

Employer: Universidad Nacional del Sur
80 - Colón Avenue
8000FTN Bahía Blanca - Buenos Aires Province
Argentina

Website: <https://www.uns.edu.ar/ingles>
Location of placement: Bahía Blanca
Nearest airport: Bahía Blanca
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 500

Business or products: Education and research

Student Required

General Discipline: CHEMISTRY AND CHEMICAL ENGINEERING
Field of Study: Chemistry, General.

Completed years of study: 3
Student status requirements: Required when nominated
Language required: English Good (B1, B2) Or Spanish Good (B1, B2)

Required Knowledge and Experiences:

Other requirements:

Work Offered

This project aims to develop chemical sensors with electrochemical transduction based on silver nanomaterials, bismuth, antimony, hybrid nanomaterials and composite materials that contain combinations of silver, bismuth, antimony and carbon, for the determination of species of interest in food. It is also intended to study through theoretical models, the interactions between the atoms of the species that make up the nanomaterials and sensors.

Publications:

1. Sensors and Actuators B: Chemical, 202, 433-439 (2014).
2. International Journal of Environmental Analytical Chemistry, 96 (14), 1331-1340, (2016).
3. Chromatographia, 80, 9, (2017) 1459-1466.
4. International Journal of Environmental Analytical Chemistry, (2017) 97, 10, 922-934
5. Journal of Inorganic and Organometallic Polymers and Materials. <https://doi.org/10.1007/s10904-019-01266-1>
6. Physica E: Low-dimensional Systems and Nanostructures 114 (2019) 113640.
7. Materials Chemistry and Physics 238 (2019) 121917.

Number of weeks offered: 12 - 16
Working environment: Research and development
Within the months: 15-AUG-2021 - 15-DEC-2021
Gross pay: 10000 ARS / Month
Or within: -
Deduction to be expected: none
Company closed within: -
Payment method / time of first payment: Cash /

Latest possible start date:

Accommodation

Canteen at work: Yes
Expected type of accommodation: Student dormitory
Estimated cost of lodging: 0 ARS / Month
Accommodation will be arranged by: Employer
Estimated cost of living incl. lodging: 10000 ARS / Month

Additional Information

Nomination Information

Deadline for nomination: 15-MAR-2021

Date: 26-JAN-2021
On behalf of receiving country: Luciano D Ascenzo