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Undergraduate Research Program	
Project Name	Development of environmentally friendly technologies for energy recombination and storage
Campus & Location in Mexico	Monterrey
Faculty	Engineering
Research Area	Water, Science and Technology
Research Responsible	Omar I. González Peña
Description of the Project	Through the development of electrochemical techniques, it is desired to develop recombination and energy storage devices that are environmentally friendly, which is why it seeks to mitigate the burden of carbon footprint. Therefore, technologies such as microbial fuel cells, liquid metal batteries, flow batteries, among others, will be analyzed.
Training Provided	Article publication; Search for specialized papers; Teamwork
Modality	Virtual
Offered During	Summer (5 weeks); Winter (5 weeks); Semester

Student	
Tasks/Responsibilities	Analyze information from databases to classify and search for articles, graph data, work statistics, mathematical analysis. (Training will be given for these activities).
Required Language Proficiency	English (Medium); English (Advanced)
Required Skills and Abilities	Mainly it is very necessary to have a strong interest in engagement with the project. (preferable but not limited to the following engineering: environmental, chemical, biomedical, materials, electronics, and biotechnology)
Other Documents Required to APPLY for an	1) Being at least in your 2nd year of bachelor 2) Accumulative grade point average (GPA) 2.5 3) Official Transcript

Other Documents Required to APPLY for an Internship

- 4) 2 letters of recommendation of faculty members
- 5) Resume
- 6) Letter of intention explaining the reason why you would like to participate in the research program