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Undergraduate Research Program	
Project Name	Analysis of industrial wastewater treatment processes with a high content of organic matter on the effluent discharges
Campus & Location in Mexico	Monterrey
Faculty	Engineering
Research Area	Water, Science and Technology
Research Responsible	Omar I. González Peña
Description of the Project	Industrial processes that release in their effluents high concentrations of organic matter with highly dangerous metabolites such as dyes, drugs, among others, can be treated with various methodologies. Therefore, the various wastewater treatment processes will be analyzed in order to parameterize the optimal operating variables to enhance the efficiency of the different treatment processes.
Training Provided	Article publication;Search for specialized papers;Teamwork
Modality	Virtual
Offered During	Summer (5 weeks);Winter (5 weeks);Semester

Student	
Tasks/Responsibilities	analyze the information of specialized articles in the area of wastewater treatment associated with electrochemical processes, development of mathematical and statistical models. (training will be provided from the activities)
Required Language Proficiency	English (Medium);English (Advanced)
Required Skills and Abilities	Mainly high motivation for working cooperatively on the project (training will be provided from the activities). Preferably students are requested in the area of the
Other Documents Required to APPLY for an Internship	<ol style="list-style-type: none"> 1) Being at least in your 2nd year of bachelor 2) Accumulative grade point average (GPA) 2.5 3) Official Transcript 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

