

Web Page:	https://studyinmexico.tec.mx/
Contact Information:	studyinmexico@itesm.mx

Undergraduate Research Program	
Project Name	Climate Change Scenarios for Mexico based on CMIP6 Results
Campus & Location in Mexico	Monterrey
Faculty	Engineering
Research Area	Energy and Climate Change
Research Responsible	Alberto Mendoza
Description of the Project	Global Climate Models (GCMs) are one of the primary means to understand how the climate has changes in the past and may change in the future. The upcoming 2021 6th assessment report (AR6) features new state-of-the-art CMIP6 models. CMIP6 model results are being released and it is relevant to start analyzing the implications of those results at the regional level. The objectives of the project are: i. probe a set of GCM results under CMIP6 for its capacity to replicate historical data for Mexico, ii. review the implications of future scenarios in terms of vulnerability impacts.
Training Provided	Analysis of scientific articles;Elaboration / execution of projects;Statistical data analysis
Modality	Virtual
Offered During	Semester

Student	
Tasks/Responsibilities	Data download, data analysis, report writeup.
Required Language Proficiency	English (Advanced)
Required Skills and Abilities	Use of large environmental data sets, knowledge of statistical and visualization software with emphasis on time-series analysis and geostatistical approaches
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