

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

Undergraduate Research Program	
Project Name	Evaluation of COVID-19 severity using chest computed tomography images
Campus & Location in Mexico	Ciudad de México
Faculty	Engineering
Research Area	Bioinformatics for Clinical Diagnosis
Research Responsible	Dr. Alejandro Santos Díaz
Description of the Project	In this project we will use different image segmentation algorithms in order to evaluate the percentage of lung volume damaged by COVID-19 infection using chest computed tomography images.
Training Provided	Congress attendance;Elaboration / execution of projects;Teamwork
Modality	Hybrid
Offered During	Semester

Student	
Tasks/Responsibilities	Develop the programming pipelines for the analysis of CT images. Report results in a congress format
Required Language Proficiency	Spanish (Basic);English (Advanced)
Required Skills and Abilities	Proficiency in Matlab and python programming
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

