Web Page:	https://studyinmexico.tec.mx/
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Undergraduate Research Program

Project Name	Automated greenhouse for sustainable environments
Campus & Location in Mexico	Chihuahua
Faculty	Engineering and Sciences
Research Area	Sensors and devices
Research Responsible	Rafael Camilo Lozoya Gamez
Description of the Project	Design and implement an automated greenhouse based on sustainable energy, using the Internet of Things, Wireless Sensor Networks, Real-Time Control, and Robotics devices to track, supervise, and increment productivity for greenhouse crops.
Training Provided	Internet of Things, Wireless Sensor Networks, Real-Time Control

Offered during:

SUMMER	X	WINTER		SEMESTER	X

Student

Tasks/Responsibilities	Design and implement automated devices. Conduct experiments and validate results.
Required Language Proficiency	Spanish or English
Required Skills and Abilities	Programming knowledge (Python, C), Self-learning capabilities, Background on mechatronics, electronics or computing.
Other Documents	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