

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

Undergraduate Research Program

Project Name	Water pollution monitoring on underwater vehicles
Campus & Location in Mexico	Monterrey
Faculty	Engineering and Sciences
Research Area	Sensors and biosensors
Research Responsible	Dr. José Israel Martí-nez López
Description of the Project	Design and manufacturing of microtechnology for Underwater Vehicles. The project comprises Computational Fluid Dynamics and manufacture of microfluidic technology towards integration of point-of-care system integration for
Training Provided	yes

Offered during:

SUMMER

☒

WINTER

☐

SEMESTER

☒

Student

Tasks/Responsibilities	Test of microfluidic devices for detection of nitrates on a underwater vehicle.
Required Language Proficiency	70% English
Required Skills and Abilities	Basic lab skills, CAD design, fluid mechanics concepts(desired)
Other Documents	<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