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<b>Contact Information:</b>	<a href="mailto:studyinmexico@itesm.mx">studyinmexico@itesm.mx</a>

### Undergraduate Research Program

<b>Project Name</b>	Smart Campus
<b>Campus &amp; Location in Mexico</b>	Estado de México
<b>Faculty</b>	Architecture, Art, and Design
<b>Research Area</b>	Urbanism, Sustainability, Smart Cities
<b>Research Responsible</b>	Marisol Ugalde Monzalvo
<b>Description of the Project</b>	New sustainable smart cities require spaces that can cover their citizens' needs. These spaces must give affordable housing, well-connected systems (health, transport, security, privacy, work, among others), other infrastructure systems (sewage and drainage water, potable water, stormwater, fire detection, lighting, waste disposal, public spaces). A smart city is a concept that offers an opportunity to solve health, social, economic, and environmental crisis caused by the new and unknown challenges as the case of COVID-19 virus, that may affect the livability, competitiveness, jobs and quality of life of the citizens; however, it is a lack of a methodology that considers the human, technological and urban processes towards Smart Cities that can support this concept.
<b>Training Provided</b>	Architect, Urbanism, GIS, Civil Engineering

#### Offered during:

SUMMER

WINTER

SEMESTER

### Student

<b>Tasks/Responsibilities</b>	Maps, literature review, citation, data analysis
<b>Required Language Proficiency</b>	oral and written English, oral Spanish
<b>Required Skills and Abilities</b>	data analysis, maps, urban, surveys, IoT, programming
<b>Other Documents</b>	<ol style="list-style-type: none"> <li>1) Being at least in your 2nd year of bachelor</li> <li>2) Accumulative grade point average (GPA) 2.5</li> <li>3) Official Transcript</li> <li>4) 2 letters of recommendation of faculty members</li> <li>5) Resume</li> <li>6) Letter of intention explaining the reason why you would like to participate in the research program</li> </ol>