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### Undergraduate Research Program

<b>Project Name</b>	Model TEC21 assessment in the School of Engineering and Sciences
<b>Campus &amp; Location in Mexico</b>	Monterrey
<b>Faculty</b>	Engineering and Sciences
<b>Research Area</b>	Disciplined-based education research
<b>Research Responsible</b>	Genaro Zavala
<b>Description of the Project</b>	Model TEC21 is a new educational model in Tecnológico de Monterrey that started in August 2019. In the School of Engineering and Sciences we have an assessment project in which we evaluate the success of the model in terms of students' learning and competence development as well as students' perception of the importance of science in their academic career.
<b>Training Provided</b>	The person we need is somebody in the engineering or science disciplines who is interested in the learning aspects of those areas. We will provide training on the introduction of discipline-based education research.

#### Offered during:

SUMMER

WINTER

SEMESTER

### Student

<b>Tasks/Responsibilities</b>	1) Literature reviews, 2) participation on group's meetings, 3) data analysis, 4) presentations of results
<b>Required Language Proficiency</b>	English proficiency
<b>Required Skills and Abilities</b>	1) We need a person who is discipline oriented with interest in the learning aspects of science and engineering. 2) The person should be able to do or learn how to do critical reading of discipline-based education research papers. 3) It is recommended that the student is familiar with a statistical tool as SPSS or be able to learn. 4) The ability to present results is required.
<b>Other Documents</b>	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