

<b>Web Page:</b>	<a href="https://studyinmexico.tec.mx/">https://studyinmexico.tec.mx/</a>
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Undergraduate Research Program	
<b>Project Name</b>	Biomechatronics
<b>Campus &amp; Location in Mexico</b>	Guadalajara
<b>Faculty</b>	Engineering
<b>Research Area</b>	Robotics
<b>Research Responsible</b>	Joel Carlos Huegel West
<b>Description of the Project</b>	Biomechatronics is an emerging field of engineering that incorporates mechanical, electrical, software and control engineering to integrate solutions for biomedical applications. Currently, we are primarily focused in lower-limb prosthetics design and testing. Sub-projects that undergraduate students participate in are varied from mechatronics prototyping, lab and field testing in clinical trials, and experiment design. Most students who participate complete a poster or conference publication and receive a researcher letter of recommendation for future graduate studies.
<b>Training Provided</b>	Elaboration / execution of projects;Prototype development;Scientific-based problem solving
<b>Modality</b>	In Person
<b>Offered During</b>	Winter (5 weeks);Semester

Student	
<b>Tasks/Responsibilities</b>	Mechanical prototyping, mechatronics integration, lab testing, clinical trials testing.
<b>Required Language Proficiency</b>	English (Advanced)
<b>Required Skills and Abilities</b>	Computer aided design, programming in Matlab or Python, mechatronics prototyping
<b>Other Documents Required to APPLY for an</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> </ol>

**Other Documents Required to APPLY for an Internship**

- 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