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| <b>Web Page:</b>            | <a href="https://studyinmexico.tec.mx/">https://studyinmexico.tec.mx/</a> |
| <b>Contact Information:</b> | <a href="mailto:studyinmexico@itesm.mx">studyinmexico@itesm.mx</a>        |

| Undergraduate Research Program         |   |
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| <b>Project Name</b>                    | Production of high-added value metabolites from microalgae for the food, cosmetic, pharmaceutical, and chemical industries  |
| <b>Campus &amp; Location in Mexico</b> | Monterrey   |
| <b>Faculty</b>                         | Engineering   |
| <b>Research Area</b>                   | Water, Science and Technology   |
| <b>Research Responsible</b>            | Dr. Roberto Parra Saldivar  |
| <b>Description of the Project</b>      | To find optimal growth parameters to induce microalgal production of commercially high-added value metabolites. Culture, growth and metabolite production parameters, extraction methods for the recovery of said metabolites, microencapsulation methods for metabolite stabilization. |
| <b>Training Provided</b>               | Article publication; Design of experiments; Elaboration / execution of projects   |
| <b>Modality</b>                        | Hybrid  |
| <b>Offered During</b>                  | Summer (5 weeks); Winter (5 weeks); Semester  |

| Student  |   |
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| <b>Tasks/Responsibilities</b>                              | Development and execution of different stages of the project  |
| <b>Required Language Proficiency</b>                       | Spanish (Basic); English (Medium); English (Advanced)   |
| <b>Required Skills and Abilities</b>                       | Work in a group to meet different goals   |
| <b>Other Documents Required to APPLY for an Internship</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> |