



BACHELOR OF SCIENCE

INDUSTRIAL ENGINEERING

Industrial Engineering is a career for efficient problem-solvers who come up with creative solutions for complex situations. Students learn to design and conduct experiments as they examine the impact of engineering solutions on the global workplace. Today, the versatility of this career has increased exponentially, making it one of the most dynamic in the market. **Ready to start your journey? From here, it's possible!**

Career opportunities include jobs such as:

- Industrial Ecologist
- Manufacturing Engineer
- Safety and Health Engineer
- Process Engineer



Jose Boschini
Industrial Engineering major



Texas Tech University is accredited with the Southern Association of Colleges and Schools Commission on Colleges.



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INDUSTRIAL ENGINEERING - COSTA RICA

Courses are subject to change

							Credit Hours	
Term 1	Calculus I *	Chemistry I *	Chemistry Lab I *	Essential College Rhetoric	Art Appreciation			14
Term 2	Calculus II	Advanced College Rhetoric	American Government	Introduction to Engineering	SUMMER Texas Politics	SUMMER Physics I	13 7	
Term 3	Calculus III	Engineering Design in Production Operations	Fundamentals of Electrical Engineering	Engineering Economics	Engineering Statistics			16
Term 4	Linear Algebra	Statistics	Engineering Graphics: Software A	Analysis & Design	Management Systems Control			14
Term 5	Professional Communication for Engineers	Physics II	Stock Models	Department Operations Research	Statistics II			16
Term 6	Engineering Ethics	Manufacturing Engineering	Engineering Data Analysis	Manufacturing Systems Control	Quality Assurance	SUMMER U.S. History to 1877	SUMMER U.S. History from 1877	16 6
Term 7	Fundamentals of Systems	Simulation Systems Modeling	Facilities Planning	IE Elective	Engineering Design for People			16
Term 8	Senior Project	IE or ENGR Elective	IE or ENGR Elective	IE Elective				12
							Total Degree Hours:	130

* Based on completion of prerequisites