

A group of diverse students are seated at long tables in a bright, modern classroom or computer lab. They are focused on their work, with some looking at laptops and others at notebooks. Large windows in the background let in natural light.

| BACHELOR OF SCIENCE

MATHEMATICS with Computer Science minor

Mathematicians are problem-solvers by nature, which makes them essential in any industry. From our economic models to the algorithms needed for social media platforms to work, our lives are, to a great extent, measured, planned, and organized according to mathematical principles.

Ready to start your journey? From here, it's possible!

Career opportunities include jobs such as:

- Biostatistician
- Financial Quantitative Analyst
- Operations Research Analyst
- Investment Banking

A portrait of Virginia Portilla, a young woman with long dark hair and glasses, wearing a blue and white striped button-down shirt. She is smiling and has her arms crossed. A red brushstroke graphic is behind her head.

Virginia Portilla
Mathematics major



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



TEXAS TECH UNIVERSITY
Costa Rica™

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MATHEMATICS - COSTA RICA

Courses are subject to change

| | | | | | | | Credit Hours |
|---------------|-----------------------------------|--|--|--|--|----------------------------------|--------------|
| Term 1 | Programming Principles I | Calculus I with Applications | Essential College Rhetoric | Principles of Chemistry I | Experimental Principles of Chemistry I | | 15 |
| Term 2 | Programming Principles II | Calculus II with Applications | Advanced College Rhetoric | Introduction to Engineering | SUMMER Principles of Physics I | SUMMER Texas Politics and Topics | 14 7 |
| Term 3 | Data Structures | Calculus III with Applications | Introduction to Mathematical Reasoning and Proof | History of the U.S. to 1877 | | | 14 |
| Term 4 | Linear Algebra | Mathematical Statistics for Engineers and Scientists | Higher Mathematics for Engineers and Scientists | Speaking for Business | Introduction to Technical Writing | SUMMER American Government | 15 3 |
| Term 5 | Concepts of Programming Languages | Foundations of Algebra I | Advanced Calculus I | Principles of Economics | Professional Communication for Engineers | | 15 |
| Term 6 | Software Engineering I | Higher Mathematics for Engineers and Scientists II | Math Elective | Engineering Ethics and Its Impact on Society | LPC Core | | 15 |
| Term 7 | Software Engineering II | Computational Techniques for Science and Mathematics | Advanced Calculus II | Art Appreciation | | | 13 |
| Term 8 | Selected Topics | PFW (TBD) | History of the U.S. since 1877 | Strengths-Based Senior Seminar | Getting your First Job | | 9 |
| | | | | | | Total Degree Hours: | 120 |