

Mathematics

INDUSTRY REPORT

This report is intended to present possible career pathways for **Mathematics** students.



Industries

48.9% *Elementary and Secondary Schools*

10.06% *Computer Systems Design and Related Services*

8.79% *Agencies, Brokerages, and Other Insurance Related Activities*

7.86% *Insurance Carriers*

6.82% *Management, Scientific, and Technical Consulting Services*



Yearly Salary

1st Year: \$46,000

5th Year: \$57,000

10th Year: \$61,000



Location

1. *San Antonio, TX*

2. *Schertz, TX*

3. *Helotes, TX*

4. *Universal City, TX*

5. *Saint Hedwig, TX*



Employers

1. *USAA*

2. *Humana*

3. *Sirius Computer Solutions*

4. *The Boeing Company*

5. *UnitedHealth Group*



Job titles

1. *Quantitative Risk Analyst*

2. *Senior Quantitative Risk Analyst-
Modeling and Analytic*

3. *Director, Quantitative Risk*

4. *Management Wholesale Credit
Risk*

5. *Quantitative Risk Analyst
Model Machine Learning*

Mathematics

INDUSTRY REPORT

Career Readiness

Career readiness is a foundation from which to demonstrate requisite core competencies that broadly prepare the college educated for success in the workplace and lifelong career management.



Leadership



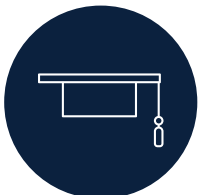
Teamwork



Professionalism



Communication



Career &
Self Development



Critical
Thinking



Equity & Inclusion



Technology



Specialized Skills

1. SQL
2. Economics
3. Python
4. Data Analysis
5. Tableau



Software Skills

1. SQL
2. Python
3. Tableau
4. MS Excel
5. SAS