

Statistics

@ Tarleton

Hands-on Learning



Research



Study Abroad



Start working on
your future today!

Academic Success Resources

Math Clinic – MATH 203
Science Clinic – SCI 123
Writing Center – OAG 239
Speaking Center – OAG 228B
Peer Mentors/Tutors Study
Skills Sessions Faculty
Advisors/Mentors

Career Services Resources

MyPlan Career Exploration
HandShake – for jobs
Resume Clinic
Mock Interviews
Business Etiquette Dinner
Job Shadow

A Great Career

“Statisticians are slated to grow 33% by 2029 and has a median salary of \$92,270 (May 2020).” – The Bureau of Labor and Statistics

IMPORTANT – Math Placement

For students wishing to start in **Calculus 1** (MATH 2413) placement is by

- qualifying score on the **NextGen AAF** (a mathematics placement exam), or
- college credit for **Trigonometry** (MATH 1316), or
- college credit for **Precalculus** (MATH 2412).

Take the NextGen AAF math placement!

It's free at the **Center for Academic Testing**. (254) 968-9423

Possible Career Titles

Actuary, Business Analyst, Data Analyst/Scientist, Economist, Environmental Scientist, Investigator, Manager, Pharmaceutical Engineer, Project Manager, Quality Analyst, Researcher, Risk Analyst, Software Engineer, and, of course, Statistician

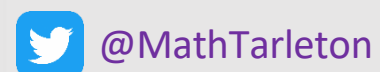


Department of Mathematics

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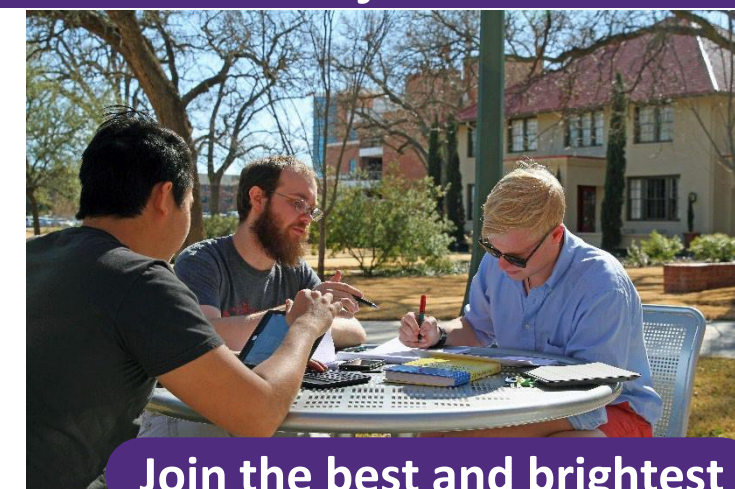


Statistics

Major Action Plan

Discover Statistics

Statistics is utilized in many different fields including actuary, agriculture/animal science, astronomy, biology, business, census/demography, economics, education, engineering, government, health science, journalism, marketing, sociology, sports, telecommunications, and transportation. All such jobs involve the collecting, analyzing, modeling, inferring, and presenting conclusions about data.



Join the best and brightest

“Participate in an exciting new degree, built with the modern student in mind which utilizes the cutting-edge techniques to address real world problems.” - Dr. Keith E Emmert, Professor

Best STEM Jobs for 2022

“Actuarial science, data scientist, operations research analyst, and statistician are in the top 15 jobs.” – US News

Statistics Concentration

- **Pre-Actuarial** –The discipline that applies mathematical and statistical methods to assess risk in the insurance and finance industries. It is consistently listed by the Wall Street Journal as the “Best Job” to have in the United States.
- **Data Analyst / Scientists** – The **best job in America**, according to Glassdoor. The field is new and growing. What is it? Think artificial intelligence, self-driving cars, auto generating books, painting, music. But in simple terms, using mathematics to analyze data to find patterns and generate new insights that helps your company make money.
- **Biostatistics**– Combines Biology and Statistics. Learn how to create and analyze statistical models which can predict the spread of disease, perform endangered species modeling, or analyze DNA in our world.
- **Mathematics** – Combine Mathematics and Statistics to become even more marketable. Allows you to create and analyze mathematical as well as statistical models.
- **Business** – Could choose, marketing, finance, logistics, etc.

Learn More about Statistics

- American Statistical Association: <https://www.amstat.org/>
- This is Statistics: <https://thisisstatistics.org/>

Excellence • Integrity • Respect

Statistics Major Action Plan

How to use this MAP

Use the Columns and rows to help you navigate your engagement in your program, university, and future profession.

This MAP will

- Guide you
- Inform you
- Motivate you
- Encourage you to get involved
- Provide a plan
- Help you hone your marketable skills and prepare you for your career.

