Be in High Demand with a Career in Statistics

The Master of Science in Statistics at Sam Houston State University is designed to provide individuals with the academic foundation needed to pursue doctoral studies; to prepare competent statisticians who are equipped to accept responsibilities in business, industry, and public service positions; and to present a supplemental graduate program for students specializing in areas where statistics are readily used, such as social sciences, criminal justice, and the physical sciences.

The SHSU Statistics department currently offers traditional on-campus, day-time courses.

Statistics on the Rise

With the explosion of the digital age, the already high demand for statisticians in private and government positions is predicted to continue to grow as technology keeps advancing, creating faster, less expensive means for data processing. Individuals with a doctoral degree in statistics can expect to earn starting salaries of up to $125,000. The American Statistical Association has more information regarding careers in statistics.

"I keep saying that the sexy job in the next 10 years will be statisticians. And I'm not kidding." - Hal Varian, Chief Economist at Google

The Department of Statistics and its Faculty

Our faculty research interests include sports statistics, discriminant analysis, multivariate statistics, biomedical statistics, quality control, and Bayesian statistics, offering a wide array of areas to interest anyone seeking a career in statistics. With a low student to faculty ratio, students can be sure to have a personal educational experience.

Who Benefits from a Master's Degree in Statistics?

- Individuals wishing to teach at the collegiate level

- Those desiring to work in the private sector as research scientists and financial and risk analysts

- People interested in working as project managers and data analysts for government agencies

Why Earn a Master's Degree in Statistics at Sam?

The SHSU Statistics program is widely respected across the state and beyond. Our graduates are sought after by top-notch Statistics Ph.D. programs nationwide. Others are employed as data analysts for major medical centers and pharmaceutical companies, as research scientists for marketing and banking firms, and as college instructors and professors.

Publish and Present Your Work

Students in our program regularly attend and present research at state, regional, and national conferences, including the Joint Statistical Meetings, the annual meeting of the Texas Chapter of the Mathematical Association of America, the MD Anderson Bayesian Biostatistics Conference and the Conference of Texas Statisticians.

Student Testimonials

"I had a very good and enjoyable experience at SHSU… [The professors] are not only experts in their field but also very good teachers who genuinely care about their students." - Aruna Saram, 2006

"Sam Houston really helped build [my] foundation and made the transition to this program at SMU much easier." - Jacob Turner, 2009

"My M.S. work at SHSU helped me very much in my work here at Texas Tech University. I respect and love my SHSU." - Kanchana Wijekularathna, 2008

"I cannot say enough about the statistics program at SHSU. Now in my third year at the Ph.D. level in the Kansas State Statistics Department, a day does not go by that I do not refer back to the knowledge I obtained from the faculty at SHSU…After graduation, the transfer from Sam (Master's level) to K-State (Ph.D. level) has been easy because of the high exceptions Sam's faculty has for the students in the department…With the diverse faculty, Sam allows students to see courses that may only be offered at the Ph D. level…The community, atmosphere, education, and faculty in the statistics department at SHSU are hands down the best anyone could ever find." - Samuel Seth Demel, 2008

Sam Houston State University

Since 1879, Sam Houston State University has touched the lives of over 93,000 graduates and helped shape the economic, social and cultural development of the state and nation. Steeped in tradition and Texas hospitality, the university offers the type of educational experience most often found at private institutions. The low student to faculty ratio allows for more individual attention, while our beautifully maintained campus and historic architecture provide a serene backdrop to high-tech facilities, equipment and amenities. Our tuition rates combined with exceptional faculty and academic programs produce one of the best educational values in Texas.

Start Earning Benefits Now

The sooner you apply, the sooner you will realize the benefits of enrolling in Sam Houston State University's Statistics program. The minimum requirements to be considered are:

- Graduate Application with fee
- Official transcripts
- Official GRE scores
- Two letters of recommendation from Mathematics or Statistics faculty at the applicant's undergraduate degree-granting institution

Graduate application is available online at
ApplyTexas.org

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