The certificate program offers a broad overview to the application of statistical concepts to various research settings. This 19-credit hour program features a hands-on curriculum where you can apply statistical and computational procedures to real-life problems.

Students can pursue studies on a part-time basis or just learn new skills through an exciting option:

• optional supervised, paid internships at local companies
• pursuing intensive study on a topic of interest with a faculty member through the optional thesis track
• a flexible curriculum that allows you to explore various concentrations

Want to know more about this thriving field of study or WCU’s intimate, energetic program of study in it? Contact the program director, Dr. Randall Rieger (rrieger@wcupa.edu).

Office of Graduate Studies (gradstudy@wcupa.edu) or the Department of Mathematics, West Chester University of Pennsylvania, 3223 State Street, West Chester, PA 19383.

610-436-2440

wcupa.edu/appliedstatistics

APPLIED STATISTICS

GRADUATE STUDIES
WEST CHESTER UNIVERSITY

You really feel like the faculty you’re working with are invested in you.

One of the most relevant degrees in today’s world, the master of science in applied statistics is a state-of-the-art program that brings together statistical theory, computer programming, and scientific research.

This degree prepares you for immediate employment in a variety of high-paying industry positions as well as for doctoral study in applied statistics or a related field.

Here are just a few of the positions currently held by recent graduates of the West Chester University Applied Statistics program:

• Manager of Statistical Methodology
• Research Scientist
• Data Scientist
• Senior Statistician Site Director
• Clinical Programming Analyst
• Assistant Professor of Mathematics
• Assistant Professor of Psychology
• Assistant Professor of Statistics
• Assistant Vice President, Institutional Effectiveness and Planning
• Director of Graduate Studies (sparkasse@wcupa.edu) or the program director, Dr. Randall Rieger (rrieger@wcupa.edu).
• or visit us online at wcupa.edu/appliedstatistics.
At West Chester, you really learn very practical skills. The program in a great blend of the practical with the theoretical — you really study the mathematics that lie behind the data. But you also have a lot of empirical learning; you acquire a much deeper understanding and you're much better prepared after graduation.

The versatility of the degree is so important; there are so many directions to go. I feel like I gained an incredible skill set; the knowledge and experience I gained at West Chester will be part of my life forever, it will be on my resume for the rest of my life — and it’s important to get that decision right. WCU was absolutely the right decision.

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When I was investigating graduate school opportunities, I just had to face the fact that students are in an applied setting. What I got at West Chester was that, what I heard from Dr. Rieger (Professor of Statistics and Program Director), was different from other institutions. I think this is true for that the faculty here were much more personally involved. There was a real connection between students and professors. And that was true, throughout my college career, it sustains true today. There’s still helpful and responsive. At all the time, I thought you can get a degree anywhere — but this will be part of my life forever, it will be on my resume for the rest of my life — and it’s important to get that decision right. WCU was absolutely the right decision.

When I graduated 3 years ago, I think it’s an extremely important part of the degree that you learn to write. Whether you’re writing proofs or writing reports, you need to be able to not only show your work, but also to explain your thought process. Writing this critique, to ensure the research in question can make the claims to which it’s entitled without overstating anything or being misleading. That kind of utility, that functional learning, is really what I think the West Chester program stands out in the West Chester program.ING misleading. That kind of utility, that functional learning, is really what I think the West Chester program stands out in.