West Chester University Applied Statistics students gain career advantage with SAS Programming, Advanced Programming, and Biostatistics/Bioinformatics Academic Specialization

A new partnership with SAS, a worldwide leader in analytics software, West Chester University Applied Statistics students at West Chester University access to a valuable suite of resources and a competitive advantage in the job market. Through the collaboration, WCU Applied Statistics students can earn a Tier 3 SAS Academic Specializations as part of their degree program. This is the highest degree of specialization awarded by SAS.  
  
With analytical talent in short supply and high demand, this means West Chester University students have another avenue to fully prepare for or advance in a career in statistical programming, analytics, biostatistics/bioinformatics, and/or data science.  
  
The specialization recognizes the ability to leverage leading SAS analytical tools for statistical programming, statistical analysis, data mining, and data analytics. By earning badges towards certification, students can position themselves for careers in advanced analytics, multivariate statistical analysis, statistical programming, business intelligence, and predictive analytics.  
  
Awarded badges can be used on the recipient’s resume or CV, LinkedIn profile, website, social media or other career-related materials. The digital badge students earn is a tangible way for them to demonstrate experience in using SAS tools. As part of the program, WCU students can also access free SAS software, attend expert presentations and access special webinars.

**Criteria for SAS Tier 3 Academic Specialization**Students in the Applied Statistics Master’s or Certificate Programs can earn the following badges as they complete the necessary requirements in courses that incorporate SAS specialization requirements:

* Academic Specialization in Foundational Programming and Statistics  
  [https://www.credly.com/org/sas/badge/sas-west-chester-university-academic-specialization-in-foundational-programming-and-statistics](https://protect-us.mimecast.com/s/V5IfCDkALrSABGL7C6B7Fy?domain=nam02.safelinks.protection.outlook.com)
* Academic Specialization in Biostatistics and Bioinformatics  
  [https://www.credly.com/org/sas/badge/sas-west-chester-university-academic-specialization-in-biostatistics-and-bioinformatics](https://protect-us.mimecast.com/s/nwvDCG6EOxc4JXNrcE1OBW?domain=nam02.safelinks.protection.outlook.com)
* Academic Specialization in Advanced Programming  
  [https://www.credly.com/org/sas/badge/sas-west-chester-university-academic-specialization-in-advanced-programming](https://protect-us.mimecast.com/s/7qlgCKrRjBIWqpyQU7kidj?domain=nam02.safelinks.protection.outlook.com)

Required courses (9 credits) to earn the Academic Specializations:

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| **Foundational Programming and Statistics Specialization** | |
| STA507 | | |
| STA511 | | |
| STA512 | | |
| STA513 | | |
| STA514 | | |
|  | | |
| **Biostatistics and Bioinformatics Specialization** |
| STA507 | | |
| STA511 | | |
| STA512 | | |
| STA513 | | |
| STA514 | | |
| 9 credit hours of electives from the following: (STA532, STA533, STA537, STA539, STA540, STA541, STA542, STA545, STA546, STA601, STA909, STA610) | | |
| **Advanced Programming Specialization** |
| STA507 | | |
| STA511 | | |
| STA512 | | |
| STA513 | | |
| STA514 | | |
| STA537 | | |

For more information on the WCU SAS Academic Specialization, contact Dr. Rieger at [rrieger@wcupa.edu](mailto:rrieger@wcupa.edu) .