

Applied Data Analytics Certificate for Undergraduates

Skills that set you apart!

Why seek a data analytics certificate to complement your major?

Many majors could benefit from gaining skills in data analytics and completing SAS certification exams. Companies across industries need professionals with analytics skills (PWC, 2017). Those with this certification are highly recruited and start with higher initial salaries and greater upward mobility. Do a quick scan of indeed.com for your intended career and SAS (and data analytics) in the search criteria and you will see just how many jobs include SAS and/or data analytics as a preferred qualification.

The applied data analytics certificate is designed to prepare students to employ knowledge gained in analytics methods and applications to a variety of use case scenarios and data sets. Students who successfully complete the program will demonstrate proficiency with analytic methods, data mining, and text mining through problem-based activities and real-world experiences in a variety of use case scenarios with an understanding of related ethical, social, organizational, legal, and security issues.

The certificate is offered in conjunction with the SAS Institute. Students who successfully complete the program are recognized as having demonstrated proficiency in solving real-world business problems with current industry-leading data analysis tools, including various SAS software products.

Minimum requirement for certificate is 12 s.h. as follows:

MIS 3013 - Introduction to Applied Data Analytics	MIS 3123 - Data Management for Data Analytics	MIS 3733 - Data and Text Mining	MIS 3843 - Business Intelligence
<p>Prerequisites: College Algebra (MATH 1064 or MATH 1065) & Statistics (MATH 2283 or MATH 2228). Fundamentals of data access and management, descriptive analytics, diagnostic analytics, and predictive analytics. Mastery of analytics covered will help prepare you to earn the SAS® <i>Certified Specialist: Base Programming Using SAS 9.4</i> credential.</p>	<p>Prerequisites: College Algebra (MATH 1064 or MATH 1065) & Statistics (MATH 2283 or MATH 2228) & MIS 3013 (or as a co-requisite). Managing big and small data, data cleansing for data storage and analysis, data modeling, data warehousing for business intelligence, and governance. Mastery of the analytics concepts covered will help prepare you to earn SAS <i>Certified Professional: Advanced Programming Using SAS 9.4</i> credential.</p>	<p>Prerequisites: College Algebra (MATH 1064 or MATH 1065) & Statistics (MATH 2283 or MATH 2228); MIS 3013. Data mining, text mining, predictive modeling, data visualization with R, using R with databases. Mastery of analytics concepts covered will help prepare you to earn SAS® <i>Certified Predictive Modeler Using SAS® Enterprise Miner™ 14</i> credential!</p>	<p>Prerequisites: College Algebra (MATH 1064 or MATH 1065) & Statistics (MATH 2283 or MATH 2228); MIS 3013. Business intelligence, visual analytics, machine learning and artificial intelligence. Mastery of analytics concepts covered will help prepare you to earn the SAS® <i>Certified Specialist: Visual Business Analytics 7.5/8.3</i> credential!</p>

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SAS® is rated the top skill to have in today's market



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