Analytical talent is in short supply and high demand in today’s business world. SAS seeks to bridge that gap by partnering with universities that offer SAS® joint academic programs. All of the programs listed were approved under the requirements for either the SAS Joint Certificate or the SAS Master’s Program. These programs all will be evaluated under the new SAS Academic Specialization criteria in the coming year.

**American College of Greece - Deree**  
Business Analytics and Data Mining

**American University**  
Master of Science in Analytics

**American University of Science and Technology (Lebanon)**  
Data Science and Big Data

**Anáhuac University (Mexico)**  
Advanced Business Analytics

**Appalachian State University**  
Applied Business Analytics

**Appalachian State University**  
Master of Science in Applied Data Analytics

**Appalachian State University**  
Business Analytics

**Arizona State University**  
Master of Science in Business Analytics

**Arkansas State University**  
Business Analytics/Business Intelligence

**Asia Pacific University of Technology and Innovation (Malaysia)**  
Data Analytics

**Asia Pacific University of Technology and Innovation (Malaysia)**  
Data Science and Analytics

**Asia Pacific University of Technology and Innovation (Malaysia)**  
MSc in Data Science and Business Analytics

**Athens University of Economics and Business (Greece)**  
Data Mining

**Athens University of Economics and Business (Greece)**  
Statistical Data Analysis

**Athens University of Economics and Business (Greece)**  
SAS Programming and Data Mining

**Auckland University of Technology (New Zealand)**  
Advanced Analytics

**Auckland University of Technology (New Zealand)**  
Master of Analytics

**Averett University**  
Applied Data Analytics

**Azusa Pacific University**  
Research Methods

**Azusa Pacific University**  
Statistical Analysis

**Azusa Pacific University**  
Advanced SAS Programming and Data Science

**Azusa Pacific University**  
Data Science and Visualization

**Bahir Dar University (Ethiopia)**  
Statistical Data Analysis Using SAS

**Bay Path University**  
Applied Data Science
<table>
<thead>
<tr>
<th>University</th>
<th>Program</th>
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<tbody>
<tr>
<td>Belarmin University</td>
<td>Master of Science in Analytics</td>
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<tr>
<td>Bentley University</td>
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<tr>
<td>Brigham Young University</td>
<td>Applied Statistics and Advanced SAS Programming Certificate</td>
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<tr>
<td>Brock University (Canada)</td>
<td>Business Analytics</td>
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<tr>
<td>Bryant University</td>
<td>Applied Analytics</td>
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<tr>
<td>Bryant University</td>
<td>Business Analytics</td>
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<tr>
<td>Bryant University</td>
<td>Data Mining</td>
</tr>
<tr>
<td>California Polytechnic State University</td>
<td>SAS Programming and Data Analysis</td>
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<tr>
<td>California State University Long Beach</td>
<td>Data Mining</td>
</tr>
<tr>
<td>California State University Long Beach</td>
<td>Master of Science in Applied Statistics</td>
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<tr>
<td>California State University Monterey Bay</td>
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<td>California University of Pennsylvania</td>
<td>Statistical Analysis</td>
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<tr>
<td>California University of Pennsylvania</td>
<td>Data Science - Undergraduate</td>
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<tr>
<td>California University of Pennsylvania</td>
<td>Data Science - Graduate</td>
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<tr>
<td>Capella University</td>
<td>Advanced Analytics</td>
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<td>Capella University</td>
<td>Analytics</td>
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<tr>
<td>Capella University</td>
<td>“Bachelor of Science; Minors Data Analytics, Data Management, and Business Intelligence”</td>
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<td>Capella University</td>
<td>Data Mining Analytics</td>
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<tr>
<td>Centennial College (Canada)</td>
<td>Marketing Research and Analytics</td>
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<td>Central Michigan University</td>
<td>Data Mining</td>
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<tr>
<td>Central Michigan University</td>
<td>Master of Science in Applied Statistics and Analytics</td>
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<tr>
<td>Charles University (Czech Republic)</td>
<td>Advanced Demographics Analytics</td>
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<tr>
<td>City University of Hong Kong</td>
<td>Data Analysis; SAS Programming; Data Mining; Statistical Methods</td>
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<td>Clarion University of Pennsylvania</td>
<td>Applied Data Analytics</td>
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<td>Cleveland State University</td>
<td>Advanced Business Analytics</td>
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<td>Cleveland State University</td>
<td>Strategic Business Analytics</td>
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<td>Colorado State University-Global Campus</td>
<td>Applied Data Analytics</td>
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<td>Colorado State University-Global Campus</td>
<td>Business Intelligence</td>
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<td>University/Institution</td>
<td>Program/Subject</td>
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<td>Colorado State University-Global Campus</td>
<td>Statistics and Data Mining for Business Intelligence</td>
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<td>Dakota State University</td>
<td>Business Analytics</td>
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<td>Dankook University (South Korea)</td>
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<td>De Montfort University (United Kingdom)</td>
<td>Statistical Modeling</td>
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<td>De Montfort University (United Kingdom)</td>
<td>Business Intelligence Systems and Data Mining; Data Analytics</td>
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<tr>
<td>De Montfort University (United Kingdom)</td>
<td>MSc Business Intelligence Systems and Data Mining</td>
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<tr>
<td>De Montfort University (United Kingdom)</td>
<td>MSc Data Analytics</td>
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<tr>
<td>DePaul University</td>
<td>Master of Science in Marketing Analysis</td>
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<td>Doshisha University (Japan)</td>
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<td>D’Youville College</td>
<td>Analytics and SAS Programming</td>
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<td>Elizabethtown College</td>
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<td>Embry-Riddle Aeronautical University</td>
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<td>Fayetteville State University</td>
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<td>Fayetteville State University</td>
<td>Health Informatics</td>
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<td>Federation University Australia</td>
<td>Data Analytics and Visualization</td>
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<td>Florida State University</td>
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<tr>
<td>Glasgow Caledonian University (United Kingdom)</td>
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<td>Hang Seng University of Hong Kong</td>
<td>Data Mining; Machine Learning</td>
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<td>Harrisburg University of Science and Technology</td>
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<td>HEC Montréal (Canada)</td>
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<td>HELP University (Malaysia)</td>
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<td>Institution</td>
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<td>INTI International University (Malaysia)</td>
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<td>James Cook University (Australia)</td>
<td>Introductory Data Science; Advanced Data Science</td>
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Michigan State University
Master of Science in Marketing Research

Minnesota State University Moorhead
Business Analytics

Missouri University of Science and Technology
SAS Analytics

Montana State University Billings
Business Intelligence and Data Mining

Nanyang Polytechnic (Singapore)
Applied Analytics in Data Science

National University
Data Analytics

National University
Master of Science in Data Analytics

National University
Master of Science in Health and Life Science Analytics

North Carolina Central University
Statistical Methods

North Carolina Central University
Statistical Analysis With SAS

North Carolina State University
Master of Science in Analytics

Northern Illinois University
Business Analytics

Northern Illinois University
Data Analytics

North-West University (South Africa)
Actuarial Analytics; Business Analytics; Financial Analytics; Quantitative Risk Analytics; Statistical Analysis; Advanced Actuarial Analytics; Advanced Business Analytics; Advanced Financial Analytics; Advanced Quantitative Risk Analytics; Advanced Statistics Analysis

North-West University
Master of Science in BMI With Specialization in Business Analytics

North-West University
Master of Science in BMI With Specialization in Financial Mathematics

North-West University
Master of Science in BMI With Specialization in Quantitative Risk Management

Oakland University
Analytics With SAS

Oklahoma State University
Data Mining

Oklahoma State University
Marketing Data Science

Oklahoma State University
Predictive Analytics

Oklahoma State University
Various Master’s Degree Programs

Oklahoma State University
Master of Science in Business Analytics

Open University of Hong Kong
SAS Programming and Data Mining

Pace University
MS in Customer Intelligence and Analytics
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<tr>
<th>University</th>
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<td>Data and Econometric Analysis Joint Certificate Program</td>
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<td>Sabanci University (Turkey)</td>
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<td>Sacred Heart University</td>
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<td>Saint Joseph’s University</td>
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<td>Seneca College of Applied Arts and Technology (Canada)</td>
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<td>Southern Methodist University</td>
<td>Masters of Science in Applied Statistics and Data Analytics</td>
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<tr>
<td>St. Mary’s College of Maryland</td>
<td>Economic Statistics and Analysis Using SAS</td>
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State University of New York at New Paltz
Business Data Analytics

Stetson University
Business Intelligence and Analytics

Stevens Institute of Technology
Business Intelligence and Analytics

Stevens Institute of Technology
Master of Science in Business intelligence and Analytics

Stirling University (United Kingdom)
Master of Science in Data Sciences (Joint Venture With HSBC Global)

Suffolk University
Analytics

Sunway University (Malaysia)
Advanced Statistical Techniques for Data Science and Predictive Analytics; Big Data With Advanced Techniques in Data Science; Data Mining and Business Intelligence; Data Science

Swinburne University of Technology (Australia)
Analytics

Swinburne University of Technology (Australia)
Applied Statistics

Swinburne University of Technology (Australia)
Master of Science in Applied Statistics

Taylor's University (Malaysia)
Digital Marketing and Analytics

Teikyo University (Japan)
Biostatistics

Texas A&M University
Statistics

Texas A&M University
Master of Science in Analytics

Texas A&M University
Master of Science in Statistics

Texas Tech University
Data Mining

Tokyo University of Science (Japan)
Computational Statistics

Tokyo University of Science (Japan)
Computational Statistics

Toulouse School of Economics (France)
Data Science With SAS

Trident University International
Business Analytics

Troy University
Data Analytics

UiTM (Malaysia)
Fundamental Course in SAS® Enterprise Miner™; SAS® Enterprise Guide® and SAS Foundation

Universidad Complutense de Madrid
Applied Statistics

Universidad Complutense de Madrid
Data Mining and Business Analytics

Università Cattolica del Sacro Cuore (Italy)
Master in Credit Risk Management

Tor Vergata University of Rome (Italy)
Master in Customer Experience and Social Media Analytics
Université de Reims Champagne-Ardenne
SAS Programming and Data Analysis

Universiti Kuala Lumpur Business School (Malaysia)
Financial Analysis

Université Paris-Est Créteil (France)
Economic Data Analysis

Université Paris-Est Créteil (France)
Applied Health Economics

Université Paris-Est Créteil (France)
Economic Data Analytics

Universiti Malaysia Terengganu (Malaysia)
Advanced Statistics and Operations Research

Universiti Utara Malaysia
Data Mining

University of Akron
Economic Data Analytics - Undergraduate

University of Akron
Economic Data Analytics - Graduate

University of Alabama
Data Mining

University of Alabama
Master of Science in Applied Statistics

University of Alabama
MBA in Business Analytics

University of Alaska Anchorage
Data Mining

University of Applied Sciences BFI Vienna
Quantitative Asset and Risk Management

University of Arkansas
Business Analytics Concentration

University of Arkansas
Master of Information Systems

University of Bridgeport
Analytics

University of California San Diego
SAS Programming Specialized

University of Central Florida
Data Mining

University of Central Florida
Master of Science in Statistical Computing Data Mining Track

University of Central Lancashire, Cyprus (Greece)
Business Intelligence and Data Mining

University of Cincinnati
Data Analytics

University of Cincinnati
Master of Science - Business Analytics

University of Connecticut
Business Analytics

University of Connecticut
Master of Science in Business Analytics and Project Management

University of Dallas
Business Analytics

University of Dallas
Master of Science in Business Analytics

University of Debrecen (Hungary)
Business Information Technology
University of Edinburgh (United Kingdom)  
Master of Science in Banking and Risk

University of Fraser Valley (Canada)  
Data Analysis

University of Hartford  
Business Analytics and Data Mining

University of Houston  
Health Analytics and Real-World Evidence

University of Illinois at Urbana-Champaign  
The Master of Science Concentration in Analytics

University of Iowa  
Biostatistical Methods

University of Iowa  
Master of Science in Biostatistics

University of Jeddah (Saudi Arabia)  
Data Science and Analytics

University of KwaZulu-Natal (South Africa)  
Statistical Analysis Using SAS

University of La Verne  
Marketing Analytics

University of La Verne  
Supply Chain Analytics

University of Louisville  
Data Mining

University of Louisville  
Data Analytics

University of Manchester (United Kingdom)  
Master of Science in Business Analytics: Operations Research and Risk Analysis

University of Maryland Global Campus  
Master of Science in Data Analytics

University of Maryland, College Park  
Health Data Analysis Using SAS

University of Melbourne (Australia)  
Business Analytics

University of Melbourne (Australia)  
Master of Business Analytics

University of Milano-Bicocca (Italy)  
Data Analysis

University of Milano-Bicocca (Italy)  
Advanced Data Analytics in Biostatistics

University of Missouri  
Master’s in Statistics - Applied Track

University of Mount Olive  
Business Analytics

University of New Hampshire  
Masters of Science in Analytics

University of New South Wales (Australia)  
Business Analytics, Data Analytics

University of New South Wales (Australia)  
Business Analytics

University of North Carolina Charlotte  
Professional Science Master’s (PSM) Program in Data Science and Business Analytics (DSBA)

University of North Carolina Greensboro  
Business Analytics

University of North Carolina Greensboro  
MS in Applied Economics

University of North Carolina Wilmington  
Master of Data Science
University of North Florida
Statistical Analysis

University of North Texas
Data Mining

University of Notre Dame
Master of Science in Business Analytics

University of Oklahoma
Analytics

University of Orleans (France)
Master’s in Econometrics and Applied Statistics (ESA)

University of Palermo (Italy)
Data Analysis

University of Piraeus (Greece)
Data Management and Data Analytics Using SAS

University of Pretoria (South Africa)
Introduction to Big Data Analytics; Introduction to Statistical Learning; Big Data Analytics; Statistical Learning

University of Pretoria (South Africa)
MSc in Advanced Data Analytics; Mcom in Advanced Data Analytics

University of Salford (United Kingdom)
Master of Science in Data Science

University of South Australia
Data Science

University of South Australia
Master of Data Science

University of South Carolina
One Year MBA

University of South Florida
Analytics and Business Intelligence

University of South Florida
Health Care Analytics

University of South Florida
MS in Business Analytics / Information Systems (MS/BAIS)

University of South Wales (United Kingdom)
Applied Statistics and Data Mining

University of Southern California
Master of Science in Business Analytics

University of St. Thomas
Machine Learning

University of Tennessee at Chattanooga
Business Analytics

University of Tennessee, Knoxville
Master’s in Business Analytics

University of Texas at Arlington
Master of Science in Marketing Research

University of Texas at Dallas
Business Intelligence and Data Mining

University of Texas at San Antonio
Master of Science in Data Analytics

University of the Sciences
Biostatistical Methods with SAS Programming

University of the Western Cape
Master of Science in Statistical Science With Specialization in Data Science

University of the Western Cape
Programming and Statistical Analysis
University of Toronto (Canada)
Master of Management Analytics

University of West Georgia
Data Analytics

University of Wisconsin - Milwaukee
Applied Data Analysis

University of Wollongong (Australia)
Business Analytics; Advanced Business Analytics

University of Wollongong in Dubai (United Arab Emirates)
Business Analytics; Advanced Business Analytics

Valparaiso University
Applied Econometrics and Data Science Foundations

Wake Forest University
Master of Science in Business Analytics

Warsaw School of Economics
Business Analytics With SAS and Open Source

Warsaw School of Economics
Statistical Analysis and Data Mining in Business

Warsaw University of Technology
SAS Data Science

Washington University in St. Louis
Master of Science in Biostatistics

West Chester University
Statistics

Western Kentucky University
Data Analysis

Western Kentucky University
Applied Economics

Western New England University
Analytics Certifications

Widener University
Business Analytics

Widener University
Business Intelligence and Analytics

Yonsei University (South Korea)
Data Science

York University (Canada)
Master of Business Analytics

York University (Canada)
Statistical Methods Using SAS

Youngstown State University
Economic Data Analytics - Undergraduate

Youngstown State University
Economic Data Analytics - Graduate

Zurich University of Applied Science (Switzerland)
Applied Business Analytics

For more information, please visit: sas.com/academic-specialization