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
Bellarmine University  
Master of Science in Analytics

Beni-Suef University (Egypt)  
Artificial Intelligence; Data Science; Business Analytics

Bentley University  
Business Analytics

Brigham Young University  
Applied Statistics and Advanced SAS Programming Certificate

Brock University (Canada)  
Business Analytics

Bryant University  
Applied Analytics

Bryant University  
Business Analytics

Bryant University  
Data Mining

California Polytechnic State University  
SAS Programming and Data Analysis

California State University Long Beach  
Data Mining

California State University Long Beach  
Master of Science in Applied Statistics

California State University Monterey Bay  
Business Analytics

California University of Pennsylvania  
Statistical Analysis

California University of Pennsylvania  
Data Science - Undergraduate

California University of Pennsylvania  
Data Science - Graduate

Capella University  
Advanced Analytics

Capella University  
Analytics

Capella University  
“Bachelor of Science; Minors Data Analytics, Data Management, and Business Intelligence”

Capella University  
Data Mining Analytics

Capella University  
Master of Science in Analytics

Centennial College (Canada)  
Marketing Research and Analytics

Central Michigan University  
Data Mining

Central Michigan University  
Master of Science in Applied Statistics and Analytics

Charles University (Czech Republic)  
Advanced Demographics Analytics

City University of Hong Kong  
Data Analysis; SAS Programming; Data Mining; Statistical Methods

Clarion University of Pennsylvania  
Applied Data Analytics

Cleveland State University  
Advanced Business Analytics

Cleveland State University  
Strategic Business Analytics

Colorado State University-Global Campus  
Applied Data Analytics
Colorado State University-Global Campus
Business Intelligence

Colorado State University-Global Campus
Statistics and Data Mining for Business Intelligence

Creighton University
Business Analytics

Dakota State University
Business Analytics

Dankook University (South Korea)
Data Science

De Montfort University (United Kingdom)
Statistical Modeling

De Montfort University (United Kingdom)
Business Intelligence Systems and Data Mining; Data Analytics

De Montfort University (United Kingdom)
MSc Business Intelligence Systems and Data Mining

De Montfort University (United Kingdom)
MSc Data Analytics

DePaul University
Master of Science in Marketing Analysis

Doshisha University (Japan)
Data Science

D’Youville College
Analytics and SAS Programming

East Carolina University
Business Analytics

Elizabethtown College
Data Analytics

Embry-Riddle Aeronautical University
Business Intelligence and Analytics

Fayetteville State University
Business Intelligence and Data Analytics

Fayetteville State University
Health Informatics

Federation University Australia
Data Analytics and Visualization

Florida State University
SAS Programming and Data Analysis - Graduate

Florida State University
SAS Programming and Data Analysis - Undergraduate

George Brown College (Canada)
Analytics for Business Decision Making

George Washington University
Business Analytics

George Washington University
Master of Science in Business Analytics

Glasgow Caledonian University
Master of Science in Big Data Technologies

Hang Seng University of Hong Kong
Data Mining; Machine Learning

Harrisburg University of Science and Technology
Master of Science in Analytics

HEC Montréal (Canada)
Business Intelligence Data Applications

HELP University (Malaysia)
Business Analytics, Data Analytics

Humber College (Canada)
Marketing Analytics
Illinois State University  
Marketing Analytics

IMAM (Mexico)  
Data Mining

Indiana University  
Business Analytics

Indiana University  
Master of Science in Business Analytics

INTI International University (Malaysia)  
Advanced Analytical Techniques for IT Professionals

James Cook University (Australia)  
Introductory Data Science; Advanced Data Science

James Cook University (Australia)  
Master of Data Science

Kennesaw State University  
Data Mining

Kennesaw State University  
Statistical Analysis Using SAS

Kennesaw State University  
Master of Science in Applied Statistics

Korea University Sejong Campus  
Data Science and National Statistics

La Trobe University (Australia)  
Business Analytics

La Trobe University (Australia)  
Master of Business Analytics

Lasell College  
Analytics

Le Mans University (France)  
Insurance and Economic Analytics

Lebanese University  
SAS Programming and Analytics; Data Science

Louisiana State University  
Master of Science in Analytics

Loyola University Maryland  
Business Intelligence and Data Mining

Lucerne University of Applied Sciences and Arts (Switzerland)  
SAS Visual Analytics & Machine Learning Expert

Macao Polytechnic Institute (Macao)  
Data Mining

Massey University (New Zealand)  
Analytics

Massey University (New Zealand)  
Health Analytics

Massey University (New Zealand)  
Public Policy Analytics

Massey University (New Zealand)  
Master of Analytics (Business)

Massey University (New Zealand)  
Master of Analytics (Health)

Massey University (New Zealand)  
Master of Analytics (Public Policy)

Melbourne Polytechnic (Australia)  
Information Technology Analytics; Software Development Analytics

Miami University  
Analytics for Professionals

Miami University  
Data Mining
<table>
<thead>
<tr>
<th>University</th>
<th>Program</th>
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<tbody>
<tr>
<td>Michigan State University</td>
<td>Data Analysis</td>
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<td>Michigan State University</td>
<td>Population Health Analytics</td>
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<td>Michigan State University</td>
<td>Master of Science in Business Analytics</td>
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<td>Michigan State University</td>
<td>Master of Science in Marketing Research</td>
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<td>Minnesota State University Moorhead</td>
<td>Business Analytics</td>
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<td>Missouri University of Science and Technology</td>
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<td>Montana State University Billings</td>
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<td>Nanyang Polytechnic (Singapore)</td>
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<td>National University</td>
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<tr>
<td>National University</td>
<td>Master of Science in Health and Life Science Analytics</td>
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<td>North Carolina Central University</td>
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<td>North Carolina Central University</td>
<td>Statistical Analysis With SAS</td>
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<td>Northern Illinois University</td>
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<td>Northern Illinois University</td>
<td>Data Analytics</td>
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<td>North-West University (South Africa)</td>
<td>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</td>
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<td>North-West University</td>
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<td>North-West University</td>
<td>Master of Science in BMI With Specialization in Financial Mathematics</td>
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<td>North-West University</td>
<td>Master of Science in BMI With Specialization in Quantitative Risk Management</td>
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<tr>
<td>Oakland University</td>
<td>Analytics With SAS</td>
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<td>Oklahoma State University</td>
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<td>Oklahoma State University</td>
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<td>Oklahoma State University</td>
<td>Predictive Analytics</td>
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<td>Oklahoma State University</td>
<td>Various Master’s Degree Programs</td>
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<td>Oklahoma State University</td>
<td>Master of Science in Business Analytics</td>
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</table>
Open University of Hong Kong  
SAS Programming and Data Mining

Pace University  
MS in Customer Intelligence and Analytics

Pfeiffer University  
Big Data Management

Purdue University  
Business Analytics

Purdue University  
Marketing Analytics

Purdue University  
Marketing Analytics for Management

Quinnipiac University  
Business Analytics

Queen’s University (Canada)  
Statistical Data Analysis

Queen’s University (Canada)  
Master of Management Analytics

Radford University  
Business Analytics

Rasmussen College  
Data Analytics

Rensselaer Polytechnic Institute  
Master of Science in Business Analytics

Rider University  
Business Analytics

RMIT University (Australia)  
Analytics

RMIT University (Australia)  
Advanced Analytics

Roanoke College  
Data and Econometric Analysis Joint Certificate Program

Sabanci University (Turkey)  
Master of Science in Business Analytics

Sacred Heart University  
Digital Marketing

Saint Joseph’s University  
Business Intelligence & Analytics

Seneca College of Applied Arts and Technology (Canada)  
Advanced Analytics of Marketing

Shiga University (Japan)  
Data Science

Slippery Rock University  
Data Analytics

Slippery Rock University  
Statistical Applications and Data Analytics

Sollers College  
Clinical

Sollers College  
Data Science

Sollers College  
Health Care Information

Southern Methodist University  
Business Analytics

Southern Methodist University  
Statistical Methods

Southern Methodist University  
Master of Science in Business Analytics
Southern Methodist University
Masters of Science in Applied Statistics and Data Analytics

St. Mary’s College of Maryland
Economic Statistics and Analysis Using SAS

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
<table>
<thead>
<tr>
<th>University of North Carolina Greensboro</th>
<th>MS in Applied Economics</th>
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<tr>
<td>University of North Carolina Wilmington</td>
<td>Master of Data Science</td>
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<td>University of Notre Dame</td>
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<td>University of Oklahoma</td>
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<td>University of Orleans (France)</td>
<td>Master’s in Econometrics and Applied Statistics (ESA)</td>
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<td>University of Palermo (Italy)</td>
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<td>University of Piraeus (Greece)</td>
<td>Data Management and Data Analytics Using SAS</td>
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<tr>
<td>University of Pretoria (South Africa)</td>
<td>Introduction to Big Data Analytics; Introduction to Statistical Learning; Big Data Analytics; Statistical Learning</td>
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<td>University of Pretoria (South Africa)</td>
<td>MSc in Advanced Data Analytics; Mcom in Advanced Data Analytics</td>
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<td>University of Salford (United Kingdom)</td>
<td>Master of Science in Data Science</td>
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<td>University of South Australia</td>
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<td>University of South Australia</td>
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<td>University of South Carolina</td>
<td>One Year MBA</td>
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<td>University of South Florida</td>
<td>Analytics and Business Intelligence</td>
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<td>University of South Florida</td>
<td>Health Care Analytics</td>
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<td>University of South Florida</td>
<td>MS in Business Analytics / Information Systems (MS/BAIS)</td>
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<td>University of South Wales (United Kingdom)</td>
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<td>University of Southern California</td>
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<td>University of St. Thomas</td>
<td>Machine Learning</td>
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<td>University of Tennessee at Chattanooga</td>
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<td>University of Tennessee, Knoxville</td>
<td>Master’s in Business Analytics</td>
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<td>University of Texas at Arlington</td>
<td>Master of Science in Marketing Research</td>
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<tr>
<td>University of Texas at San Antonio</td>
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<tr>
<td>University of the Sciences</td>
<td>Biostatistical Methods with SAS Programming</td>
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<tr>
<td>University of the Western Cape (South Africa)</td>
<td>Master of Science in Statistical Science With Specialization in Data Science</td>
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</table>
University of the Western Cape (South Africa)
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

Wright State University
SAS Data 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