SAS® Joint Academic Programs

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

Amity University
Advanced Business Analytics, Business Analytics

Anáhuac University (Mexico)
Advanced Business Analytics

Analytics Institute of Australia
SAS Academic Specialisation in Analytics; SAS Academic Specialisation in Business Transformation; SAS Adademic Specialisation in Advanced Business Transformation

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;

Arizona State University
Specialization in Biomedical Informatics

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

Asia Pacific University of Technology and Innovation
Data Science and Business Analytics

Asia Pacific University of Technology and Innovation
Computer Science w/Specialism in Data Analytics

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

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

Babes-Bolyai University
Big Data Analytics, Data Science

Babes-Bolyai University
Business Analytics and Information Management - Big Data Analytics; Business Analytics and Information Management - Advanced Analytics

Bellarmine University
Master of Science in Analytics

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

Beni-Suef University (Egypt)
Data Visualization & Machine Learning

Brock University (Canada)
Business Analytics

Bryant University
Applied Analytics

Bryant University
Business Analytics

Bryant University
Data Mining

Bucharest University of Economics
Big Data Analytics; Advanced Big Data Analytics

California Baptist University
Business Analytics SAS Specialization

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
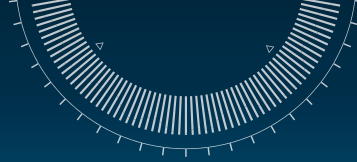
Canadian International College (Egypt)
Marketing Analysis; Applied Data Science; Business Analytics; Business Forecasting & Optimization; Predictive Business Analytics; Visual Data Mining & Machine Learning

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, Health Informatics Specialization, Marketing Research Specialization, Business Analytics Specialization

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; Business Intelligence; Statistics and Data Mining for Business Intelligence; Predictive Analytics Management

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

Duke University
Population Health Analytics

D'Youville College
Analytics and SAS Programming

East Carolina University
Business Analytics

East Carolina University
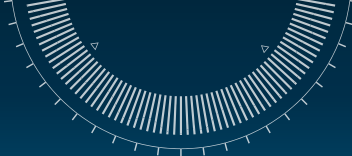Applied Analytics

East Stroudsburg University
SAS 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

Forsyth Technical Community College
Business and Technology

Franklin University
Data Analytics

George Brown College (Canada)
Analytics for Business Decision Making

George Washington University
Business Analytics

George Washington University
Master of Science in Business Analytics

Georgia Institute of Technology
Academic Specializations in Data Coding for Economics, Academic Specializations in Data Analytics for Economics

Glasgow Caledonian University (United Kingdom)
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)
BBA in Business Intelligence

HELP University (Malaysia)
Business Analytics, Data Analytics

Humber College (Canada)
Marketing Analytics

Hong Kong Metropolitan University
SAS Programming & Data Mining

Illinois State University
Marketing Analytics

Illinois State University
Advanced Marketing Analytics

IMAM (Mexico)
Data Mining

IMC University of Applied Sciences Krems
Digital Business Analytics

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
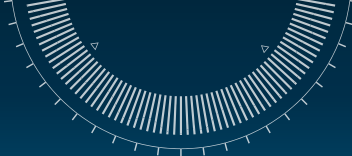
James Cook University (Australia)
Data Science

Jouf University
Statistical Business Analysis; Advanced Big Data

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

Korea University Sejoing Campus
Big Data Science

La Trobe University (Australia)
Business Analytics

La Trobe University (Australia)
Master of Business Analytics

Le Mans Universit (France)
Insurance and Economic Analytics

Lebanese University
SAS Programming and Analytics; Data Science

Lipscomb University
Data Science

Lomonosov Moscow State University
Big Data Analytics

Lomonosov Moscow State University
Statistics

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

Lucerne University of Applied Sciences and Arts (Switzerland)
SAS Business Analytics 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)

Meharry Medical College
Data Wrangling

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

Methodist College Kuala Lumpur
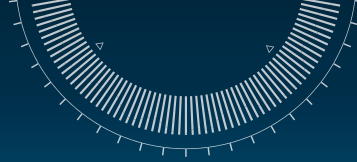Data Science and Machine Learning

Miami University
Analytics for Professionals

Miami University
Data Mining

Michigan State University
Data Analysis

Michigan State University
Population Health Analytics

Michigan State University
Master of Science in Business Analytics

Michigan State University
Master of Science in Marketing Research

Middlesex University Dubai
Business Information Systems; Advanced Data Science

Midwestern State University
Business Applications Using SAS

Midwestern State University
Economics Applications Using SAS

Missouri University of Science and Technology
SAS Analytics

Moscow Institute of Physics and Technology
Analytics Foundation

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 Science; Business Intelligence; Financial Management; Quantitative Risk Analytics; Statistical Analysis; Advanced Actuarial Science; Advanced Business Intelligence; Advanced Financial Management Project; Quantitative Risk Management; Advanced Statistics Analysis

North-West University
Specialised Business Intelligence

North-West University
Specialised Industry Project

North-West University
Advanced Quantitative Risk Management

North-West University
Statistical Analyses II

Oakland University
Analytics With SAS

Oklahoma State University
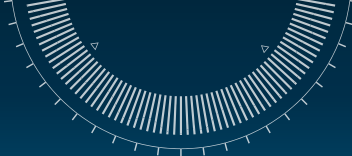Business Analytics

Oklahoma State University
Marketing Data Science

Oklahoma State University
Marketing Analytics

Oklahoma State University
Predictive Analytics

Open University of Hong Kong
SAS Programming and Data Mining

Ovidius University of Constanta
Cyber Security and Machine Learning Master Program; Cyber Security and Data Science Master Program

Pace University
MS in Customer Intelligence and Analytics

Pfeiffer University
Big Data Management

Politehnica University of Bucharest
Advanced Business Intelligence Systems Specialist

Purdue University
Business Analytics

Purdue University
Marketing Analytics

Purdue University
Marketing Analytics for Management

Quinnipiac University
Business Analytics - Undergraduate

Quinnipiac University
Business Analytics - Graduate

Queen's University (Canada)
Statistical Data Analysis

Queen's University (Canada)
Master of Management Analytics

Radford University
Business Analytics

Rasmussen College
Data Analytics; Data Science

Regent University
Business Analytics

Rhode Island College
Data Analytics

Rider University
Business Analytics

RMIT University (Australia)
Analytics

RMIT University (Australia)
Advanced Analytics

Roanoke College
Data and Econometric Analysis

Romanian University
Data Science; Advanced Analytics

Sabanci University (Turkey)
Master of Science in Business Analytics

Sacred Heart University
Digital Marketing

Saint Joseph's University
Business Intelligence & Analytics

Seneca College
Business Analytics Specialization

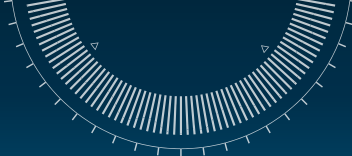## Seneca College of Applied Arts and Technology (Canada)
Advanced Analytics of Marketing

Servicio Nacional De Adiestramiento En Trabajo Industrial – SENATI
Data Scientist

Shiga University (Japan)
Data Science

Slippery Rock University
Data Analytics

Slippery Rock University
Statistical Applications and Data Analytics

Sollers College
Clinical Analytics

Southern Methodist University
Statistical Methods

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

Stellenbosch University
Credit Risk; Advanced Credit Risk

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)

Stonehill College
Data Analytics

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

Tamkang University
Applied Data Analytics

Taylor's University (Malaysia)
Digital Marketing and Analytics

Teikyo University (Japan)
Biostatistics

Texas A&M University
Data Analytics

Texas A&M University
Statistics

The Arab Academy for Management, Banking and Financial Sciences
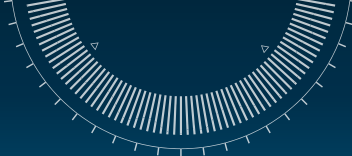Applied Business Analytics; AI for Business Decisioning

The Arab Academy for Management, Banking and Financial Sciences - Djibouti
Business Analytics and Decisioning

The Hang Seng University of Hong Kong
Data Mining

Tokyo University of Science (Japan)
Computational Statistics

Tor Vergata - University of Rome
Advanced Data Analytics

Toulouse School of Economics (France)
Data Science With SAS

Transilvania University of Brasov
Integrated Business Information Systems - Advanced Business Analytics

Trident University International
Business Analytics

Troy University
Data Analytics

Tunku Adbul Rahman University
Data Sciences and Machine Learning

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

Universidad Francisco de Vitoria
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

Universit de Reims Champagne-Ardenne
SAS Programming and Data Analysis

Universiti Kuala Lumpur Business School (Malaysia)
Financial Analysis

Universiti Kuala Lumpur Business School (Malaysia)
Business Analytics

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
Business Data Analysis; Economic Data Analytics

University of Alabama
Academic Specialization in Statistical Data Mining, Academic Specialization in Statistical Data Management

University of Alabama
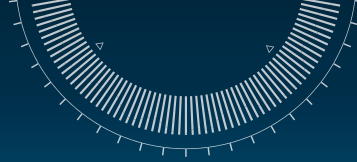Data Mining

University of Alabama
MBA in Business Analytics

University of Applied Sciences BFI Vienna (Austria)
Quantitative Asset and Risk Management

University of Arkansas
Business Analytics Concentration

University of Arkansas
Master of Information Systems

University of Bridgeport
Analytics

University of Bucharest
Science Analytics

University of California San Diego - Extension
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 Central Oklahoma
Business Analytics

University of Cincinnati
Data Analytics

University of Cincinnati
Master of Science - Business Analytics

University of Copenhagen
Practical Time Series Analysis, Multivariate Analysis and Categorised Data, Advanced Statistics, Sampling Theory, Programming and Statistics with SAS

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 Analytics

University of Debrecen (Hungary)
Business Modelling

University of Edinburgh (United Kingdom)
Master of Science in Banking and Risk

University of Fraser Valley (Canada)
Data Analysis

University Of Fujairah
Data Analytics Foundation, AI and Big Data Analytics

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
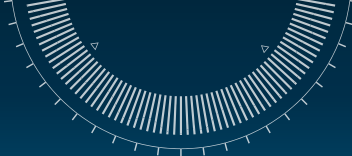
University of Jeddah (Saudi Arabia)
Data Science and Analytics

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 Maryland, College Park
Master of Science in Marketing Analytics

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 (Postgraduate)

University of New South Wales (Australia)
Business Analytics (Undergraduate)

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
MA in Applied Economics

University of North Carolina Wilmington
Master of Data Science

University of North Texas
Data Mining

University of Notre Dame
Master of Science in Business Analytics

University of Oklahoma
Analytics

University of Orleans (France)
Business Analytics

University of Padua
Advanced Data Analysis for Life and Social Sciences

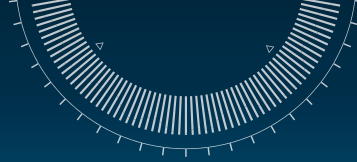**University of Palermo (Italy)**
Data Analysis

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 Sadat City (Egypt)
Bioinformatics; Bioinformatics Intelligence

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 Carolina - Upstate
Business Analytics

University of South Florida
Health Care Analytics

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 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 Western Cape
Analytics 1; Analytics 2; Advanced Analytics Studies; Advanced Business Intelligence; Advanced Risk Solution

University of the Western Cape (South Africa)
Master of Science in Statistical Science With Specialization in Data Science

University of the Western Cape (South Africa)
Programming and Statistical Analysis

University of Toronto (Canada)
Master of Management Analytics

University of West Georgia
Academic Specializations in Data Intelligence and Business Analytics

University of Wisconsin - Milwaukee
Applied Data Analysis

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

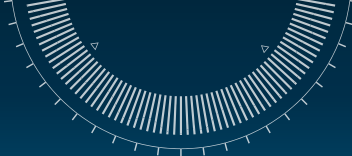## University of Wollongong in Dubai (United Arab Emirates)
Business Analytics; Advanced Business Analytics

Valparaiso University
Applied Econometrics and Data Science Foundations

Virginia State University
Tier II Specialization in Business Analytics; Tier II Specialization in Marketing 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

Westcliff University
Business Intelligence & Statistical Analysis for Optimization

Western Kentucky University
Business Data Analysis

Western Kentucky University
Applied Economics

Western New England University
Analytics Certifications

Widener University
Business Analytics

Widener University
Business Intelligence and Analytics

Woosong University
Business Analytics and Data Science

Wright State University
SAS Data Analytics

Yonsei University (South Korea)
Data Science

York University (Canada)
Predictive Analytics Certificate

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**

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