MASTER OF ACCOUNTANCY IN THE FIELD OF ACCOUNTING ANALYTICS (STEM)

OVERVIEW

Through an exponential growth of data and the development of user-friendly software tools, data analytics provides accountants the opportunity to produce higher quality information for making more informed decisions. The master of accountancy in accounting analytics program provides students with the tools they need for a successful career in the world's leading accounting and consulting firms, government agencies, and a broad range of nonprofit and for-profit organizations. GW's location in Washington, DC, combined with faculty who are subject matter experts in their fields, maximizes the academic experience, leaving program graduates well-positioned for professional success.

An undergraduate degree in accountancy or business is not required.

This is a STEM-designated program.

Visit the program website (https://business.gwu.edu/master-of-accounting-analytics/)for additional information.

ADMISSIONS

Visit the School of Business website (https://business.gwu.edu/graduate-applications/) for admissions information.

Supporting documents not submitted online should be mailed to:

The GW School of Business
Attn: Graduate Admissions
2201 G Street, NW, Suite 550
Washington, DC 20052

Contact for questions:

business@gwu.edu
202-994-1212

REQUIREMENTS

The following requirements must be fulfilled: 30 credits in required courses.

Code	Title	Credits
Prerequisite courses		
ACCY 2002	Introductory Managerial Accounting	
ACCY 6101	Financial Accounting	
or ACCY 2001	Introduction to Financial Accounting	
MBAD 6235	Finance	
MBAD 6242	Microeconomics for the World Economy	
STAT 1051	Introduction to Business and Economic Statistics	
Required		
ACCY 6104	Intermediate Accounting I	
ACCY 6105	Intermediate Accounting II	
ACCY 6201	Accounting for Internal Decision Making	
ACCY 6202	Advanced Strategic Cost Management	
ACCY 6301	Contemporary Auditing Theory	
ACCY 6501	Accounting Information Systems and Electronic Data Processing	
ACCY 6521	Data Analytics for Accounting	
DNSC 6302	Programming for Analytics I	
DNSC 6303	Programming for Analytics II	
DNSC 6311	Stochastic Foundation: Probability Models	
DNSC 6312	Statistics for Analytics I	
DNSC 6314	Machine Learning I	
DNSC 6315	Machine Learning II	
DNSC 6319	Time Series Forecasting for Analytics	

Students who intend to take the C.P.A. examination should be aware that the coursework required for admission to the examination varies from state to state. Students are advised to consult the Board of Accountancy for the state in which they plan to take the examination.

In addition, students must fulfill preparatory courses in financial accounting, managerial accounting, micro- or macroeconomics, and statistics.

Preparatory courses may be waived without substitution for other coursework. Required classes, except for **ACCY 6201** and **ACCY 6202**, may be waived with substitution for other coursework for students who:

- Have already completed these courses with a minimum grade of *B-*
- Have taken these courses at an AACSB - accredited institution
- Have taken these courses within five years prior to the first semester of enrollment into the program

Students should consult with the advisor concerning course substitution.