



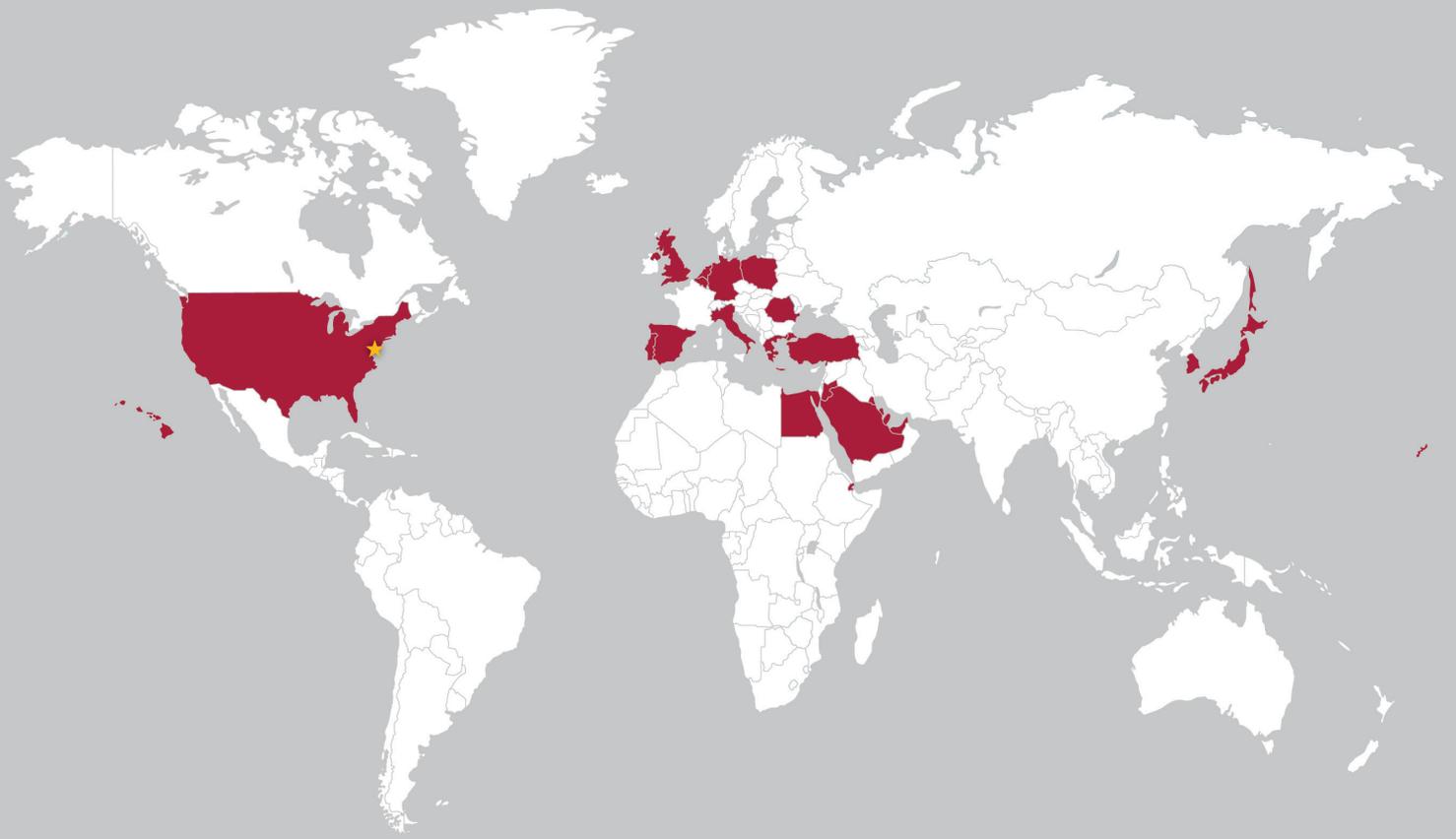
# 2023-2024 CATALOG UPDATE



[umgc.edu](https://umgc.edu)



UNIVERSITY OF MARYLAND  
GLOBAL CAMPUS



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The following information is an update to the 2023–2024 UMGC catalog and represents changes and additions made after original publication. Refer to the 2023–2024 catalog for information on all other programs, services, and policies.

### MISSION

Inspire hope, empower dreams, and transform lives . . . one student at a time.

### VISION

UMGC aspires to be the school of choice for adults and business because we are **learner-centric, data-driven,** and **skills-based.**

### CORE VALUES

#### **Celebrate Diversity:**

Our welcoming of diverse perspectives and ideas differentiates us and drives innovation

#### **Optimize Agility:**

Curiosity and adaptability—informed and guided by data—drive continuous improvement and transformation

#### **Reach Beyond:**

Courage and willingness to challenge boundaries lead to transformative solutions, for our institution and our learners alike

#### **Embrace Collaboration:**

Teamwork, effective communication, and clarity of purpose drive success

# SUMMARY OF UNDERGRADUATE PROGRAM CHANGES

- For the major in Biotechnology (p. 41), you must meet certain requirements (11 credits of approved coursework in genetics and biotechnology applications and techniques taken at another institution) before completing the program. Consult an advisor or a success coach before electing this major.
- For the major in Cybersecurity Management and Policy (p. 52), the course recommended to fulfill the general education requirement in computing is now CMIT 202 Fundamentals of Computer Troubleshooting.
- For the major in Laboratory Management (p. 84), you must meet certain requirements (15 credits of required lower-level coursework taken at another institution) before completing the program. Consult an advisor or a success coach before electing this major.
- For the certificate in Machine Learning (p. 179), the course number for Introduction to Data Analytics should be DATA 320.

# CERTIFICATE PROGRAMS

## GRADUATE

### Accounting

AVAILABLE SPRING 2024

The following degree requirements and recommended curriculum apply to students who begin continuous study on or after January 1, 2024.

The graduate certificate in accounting builds professional knowledge and cutting-edge technology skill sets in accounting, data analytics, and information systems. Focus is on the budgeting, data analytics, reporting, and systems management skills needed to transform financial data into useful information for management decision-making.

The program is designed to help you learn new skills to prepare for positions such as controller, managing partner, or senior accountant. If you are a midcareer professional or a career changer, you should benefit from the focus on the ability to communicate financial information with high-level decision makers using the advanced accounting knowledge that every business needs.

**NOTE:** Requirements for CPA certification vary from state to state. Visit [umgc.edu/professional-licensure](http://umgc.edu/professional-licensure) for information on requirements for your state.

#### INITIAL REQUIREMENT

(to be taken within the first 6 credits of study)

UCSP 615    Orientation to Graduate Studies at UMGC (0)

#### REQUIRED COURSES

ACCT 610    Financial Accounting (3)

ACCT 611    Managerial Accounting Data Analytics (3)

ACCT 613    Federal Income Taxation (3)

ACCT 618    Accounting Information Systems (3)

ACCT 628    Auditing (3)

#### ONE COURSE CHOSEN FROM THE FOLLOWING:

ACCT 625    Government and Not-for-Profit Accounting

ACCT 630    Fraud Examination

ACCT 635    Accounting Ethics

ACCT 640    International Accounting

**Total credits for graduate certificate in Accounting: 18**

#### COURSE SEQUENCING

- 15 credits of undergraduate accounting are prerequisite for ACCT 610 and ACCT 611.
- ACCT 610 is prerequisite to all other accounting courses except ACCT 611, which may be taken concurrently with ACCT 610.
- Required courses should be taken before elective courses.

# COURSE INFORMATION

## GRADUATE COURSE DESCRIPTIONS

### Accounting

#### **ACCT 610 Financial Accounting (3)**

Prerequisite: 15 credits of undergraduate accounting. A study of accounting theory in a strategic framework. An overview of relevant theory provides a foundation for further study. Focus is on developing skills in critical thinking and applying accounting concepts and principles. Topics include the preparation and interpretation of corporate financial statements in accordance with generally accepted accounting practices (GAAP); accounting standards and the standard setting process; the use of electronic technology in financial accounting; effective communication; professional ethics; and current issues, debates, and research in accounting.

#### **ACCT 611 Managerial Accounting Data Analytics (3)**

Prerequisite: 15 credits of undergraduate accounting. An examination of the control and decision-making methodologies used by management accountants in solving strategic problems for business. Methodologies covered include breakeven analysis, regression analysis, the balanced scorecard, activity-based costing/management, value chain analysis, total quality management, and performance evaluation/assessment. Business problems examined range from ethical issues to product costing.

#### **ACCT 613 Federal Income Taxation (3)**

Prerequisite: ACCT 610. A case study–based, problem-oriented examination of fundamental federal tax concepts. Tax issues and controversies are explored in-depth. Emphasis is on applying tax laws, as opposed to learning individual tax rules. Methods of case analysis and research that are typically involved in tax planning and litigation are covered. Important definitions, judicially created rules, and other tax conventions are explored in great detail through the study of each one's genesis and purpose. Topics include tax issues that concern gross income, identification of the proper taxpayer, deductions, timing, income and deduction characterization, and deferral and capital gains and losses.

#### **ACCT 618 Accounting Information Systems (3)**

Prerequisite: ACCT 610. A study of the use of information systems in the accounting process, with an emphasis on computer systems and internal controls. Focus is on the analytical tools necessary to evaluate users' accounting information needs and to design, implement, and maintain an accounting information system to support business processes and cycles. Topics include the components of contemporary accounting information systems; security and internal controls, particularly within internet and e-commerce environments; traditional flow charts and data-flow diagrams; computer networks; theory and application of relational databases; and relational database management systems. Assignments include designing an accounting information system using a commercial database software package.

#### **ACCT 625 Government and Not-for-Profit Accounting (3)**

Prerequisite: ACCT 610. A study of the financial accounting standards applicable to public-sector and not-for-profit organizations in the United States and their unique reporting requirements. Emphasis is on similarities and differences among accounting rules for different types of entities and the rationale for the accounting standards governing each type.

#### **ACCT 628 Auditing (3)**

Prerequisite: ACCT 610. An in-depth examination of generally accepted auditing standards (GAAS), as well as standards for attestation and other services. Alternative audit models are evaluated for both their practical relevance and their theoretical justification as informed by current research and emerging information technology. The use of computer-assisted auditing techniques (CAAT) and other computer-related technology for obtaining evidence is evaluated in terms of its effectiveness and suitability in diverse audit environments. Methods of evaluating internal control are considered in light of the risks encountered in new ways of conducting business, such as e-commerce. Professional, ethical, and legal responsibilities, as shaped by the contemporary professional, legal, and regulatory environments, are examined as they relate to audit risk, risk assessment, and audit program planning. The use of audit reports and other services as tools to support management control and decision-making are considered.

#### **ACCT 630 Fraud Examination (3)**

Prerequisite: ACCT 610. A study of the nature and elements of fraud. Topics include fraud prevention, fraud detection, fraud investigation, use of controls to prevent fraud, and methods of fraud resolution. Emphasis is on the use of forensic accounting techniques to analyze what is behind the data being generated by the accounting system, detect internal control weaknesses, and map out a fraud investigation program.

#### **ACCT 635 Accounting Ethics (3)**

Prerequisite: ACCT 610. A study of ethics as a critical foundation for the accounting professional. Topics include the theories and bases of ethical reasoning, development of ethical standards, codes of professional conduct, professional responsibilities and judgment calls in accounting, and the evolution of ethics in the accounting profession.

#### **ACCT 640 International Accounting (3)**

Prerequisite: ACCT 610. An exploration of international accounting and financial reporting. Focus is on evolving reporting requirements under International Financial Reporting Standards (IFRS). Accounting practices, as influenced by business operations, culture, and the inherent risk in international accounting environments, are compared.

# ACADEMIC AND ADMINISTRATIVE REQUIREMENTS

## Responsibilities of the Student

### Appealing a Grade

If you reasonably believe that your final course grade was not based on established performance standards as communicated in the syllabus and other course materials but was arbitrary and capricious, you may pursue the appeal process for arbitrary and capricious grading. Procedures for appealing a final course grade are detailed in UMGC Policy 130.80 Procedures for Review of Alleged Arbitrary and Capricious Grading, which is available online at [umgc.edu/policies](http://umgc.edu/policies).

There is a time limit for appealing a final course grade; if you want to appeal a final grade, you must initiate the process by requesting a conference with the faculty member to discuss how the grade was calculated within 30 calendar days of the posting of the grade. If you have conferenced with a faculty member with no resolution, send supporting documentation with a detailed explanation of how you believe your final grade situation fits the definition of arbitrary and capricious grading as provided in the policy to [resolution.management@umgc.edu](mailto:resolution.management@umgc.edu).



UMGC is a constituent institution of the University System of Maryland and is governed by the USM Board of Regents.

### **ACCREDITATION**

University of Maryland Global Campus is accredited by the Middle States Commission on Higher Education, 1007 North Orange Street, 4th Floor, MB #166, Wilmington, DE 19801, an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.

## ABOUT UMGC

University of Maryland Global Campus was founded more than 75 years ago specifically to serve the higher education needs of working adults and military servicemembers. Today, UMGC is the largest provider of postsecondary education in Maryland and continues its global tradition with online and hybrid courses, more than 175 classroom and service locations worldwide, and more than 125 degrees and certificates backed by the reputation of a state university and the University System of Maryland. For more information, visit [umgc.edu](http://umgc.edu).

Visit UMGC on the web at [umgc.edu](http://umgc.edu).

To speak with an advisor or a success coach, call **800-888-8682** or send an email to [studentsfirst@umgc.edu](mailto:studentsfirst@umgc.edu).



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NET ENERGY: 1,000,000 BTUs  
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SOLID WASTE: 29 LBS



Estimates were made using the Environmental Defense Fund Paper Calculator. For more information, visit [www.papercalculator.org](http://www.papercalculator.org).