



Master of Information Management

at the University of Maryland College of Information Studies (UMD iSchool)

The MIM degree prepares students to become strategic leaders in the use of information and technology in any organization. Students can tailor their courses to particular focus areas, developing skills in data analytics, data visualization, information technology development and deployment, information strategy and governance, and cyber threat intelligence.

MIM students prepare for careers in:

- **Data Analytics**
- **Technology Development**
- **Strategic Management**
- **Information Risk, Privacy, and Security**
- **Cyber Threat Intelligence**
- **Smart Cities and Connected Communities**
- **Game and Entertainment Analytics**

**MIM is a certified
STEM OPT program**



#3 IN THE USA

UMD as a Public
University



#7 IN THE USA

UMD as a University
for Entrepreneurship



#8 IN THE USA

UMD iSchool as an
Information Studies
College



1ST IN THE USA

As the First MIM Degree
in the USA, We Continue
to Lead in Innovation



**COLLEGE OF
INFORMATION
STUDIES**

ischool.umd.edu

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CAREER PATHS

The MIM program equips students with the technical and analytical skills to lead organizations in data-driven decision making, technology development, and information governance and security. As a result of the program's unique multidisciplinary curriculum, practical skills training, and hands-on learning opportunities, our sought after graduates are prepared to apply their skills directly and immediately in their careers. Here are a few of our graduates' common career paths.

Data Analytics & Visualization to Drive Organizational Decision-Making

data scientists, data analysts, business analysts, data visualization specialists, market research analysts, information taxonomists, digital marketing specialists, gaming and entertainment analysts

Organizational Information Strategy & Governance

chief data officers, directors of information governance and policy, systems administrators, information compliance specialists, database architects, urban planners, digital anthropologists, IT infrastructure project managers

Technology Development & Deployment in Organizations

technology and application designers, product developers, interactive designers, IT solutions designers, web developers, information architects, business technology consultants

Information Risk, Privacy, and Security

information security specialists, information security analysts, cyber-threat intelligence officers, cyber-threat analysts, directors of information assurance

Graduates work for top private companies and government organizations such as Adobe, Morgan Stanley, Fidelity, Honda, American Express, PriceWaterhouseCoopers, IBM, Progressive Insurance, Bloomberg, IRS, US Census Bureau, US Department of the Treasury, BlueCross BlueShield, J.P. Morgan, Capital One, Library of Congress, Verizon, Deloitte, Microsoft, Washington Post, World Bank, and more.



“Cybersecurity is much more than sitting behind a keyboard to stop hackers.”

- Aderonke Adeniji, MIM Alumna, Director for Information Assurance, Office of Cybersecurity for the U.S. House of Representatives

MIM human-centered cybersecurity skills and perspectives helped to prepare Aderonke for her role directing risk management and security audit and compliance efforts across the House.



CURRICULUM & FOCUS AREAS

Through a multidisciplinary curriculum that draws from management, computer science, information systems, and information science, this degree program addresses the growing and unique need for information professionals who understand complex social and organizational issues.

The curriculum blends theory, practical skills, and hands-on learning, preparing graduates to apply their skills directly and immediately in their careers. Students work on projects with the UMD iSchool's 400+ top industry partners and have opportunities for hands-on learning at the college's world-renowned research centers and labs.

Students are required to complete 36 credit hours of academic work, including core courses, electives, and a capstone or thesis—typically completed by full-time students in two years. MIM students can choose to apply their electives to a focus area, preparing them for a specific career path:

Data Analytics

The focus area in data analytics intends to inspire our students with a fascination with data and information, a respect for the elegance of analytics, and an adoration of the beauty of data visualization. Students are trained in the use of machine learning, artificial intelligence, and other advanced methods of analysis, as well as understanding how big data infrastructures and tools can be leveraged to implement scalable analytics solutions that transform data into meaningful insights that drive social and organizational decision making.

Strategic Management

The focus area in strategic management trains our students to help facilitate collaboration and information sharing to support organizations in developing and managing their enterprise information strategies. Students are trained to solicit information requirements from different categories of information consumers, consider ways to evaluate, architect, and integrate technical tools to develop information management solutions, intuit and devise methods of mitigating inherent risks associated with managing information, effectively communicate the benefits and socialize the advantages of governed information management practices and programs to both technical and management teams within and across organizations, and then institute and manage those information management technology solutions.

Technology Development

The focus area in technology development supporting the user experience trains our students to engage information consumers to understand their data needs and deploy applications that support discovered requirements. Students are trained to assess client use cases and information needs, translate business requirements into technical requirements, identify necessary enabling technologies, evaluate, architect, and integrate technical tools to plan information management solutions, and oversee and contribute to the development, testing, and implementation of those information management solutions.



Smart Cities and Connected Communities

This focus area will train students to recognize and assess information management requirements and dependencies to understand, direct, and manage the interoperability of core information management processes and tools supporting the operations and analytics to improve provision of citizen services by municipal, county, and state governments. Students will be trained to apply concepts and models of e-government to help interpret information policies and government directives, develop information management architecture for system interoperability, use location intelligence methods and tools dimensional data models, emerging smart city technologies and applications, streaming data from Internet of Things (IoT) sensors and devices to support coordination and innovation among municipal government groups to address challenges and opportunities to improve decision outcomes.

Information Risk, Privacy, and Security

This focus area is designed to prepare students to understand a variety of vulnerabilities, threats, and risks to an organization associated with data quality, sensitive data protection, and compliance with government laws as well as industry standards. Students will be trained to review government regulations and legislation, translate legal requirements into information policy specifications, and assess vulnerabilities impeding auditable compliance. Graduates will be qualified to identify key information management dependencies, assess information processes to isolate where information policies need to be implemented and enforced, integrate methods for data validation and business rule compliance, as well as help architect, socialize, and deploy corporate information governance programs.

Cyber Threat Intelligence

This focus area is designed to provide a foundation for students to understand the complexities of modern telecommunications, distributed enterprise software solutions, and prepare them to understand the information management implications for cybersecurity, ethical hacking, cyber intelligence, and management of cyber threats. Students will learn the methods for analyzing and curating data to attribute cyber attacks to malicious actors and gain skills such as cyber risk assessment, identification and exploitation of cyber vulnerabilities and implementation of cyber threat investigations that will enable them to enter and immediately succeed in the cybersecurity workforce.

Game and Entertainment Analytics

This focus area is designed for students interested in applying analytics methods and skills to devise analytical applications, support the design, operations, and improvement of delivering products and content in the Game & Entertainment industries as well as other opportunities in the experience economy. Students will be trained to work with media/entertainment content and game designers to ascertain their information and analytics requirements and employ analytics techniques to inform the design process. Graduates will be positioned to help develop customer profiles and analyze customer behaviors to influence improvements and drive profitable behaviors when developing an entertainment experience. They will help develop reporting methods that provide operational intelligence to business professionals, predictive and prescriptive analytical models to identify business opportunities, integrate real-time analytics into continuously-running applications, and understand and address the constraints set by global privacy laws and help in their compliance.



HANDS-ON LEARNING

At the UMD iSchool, we believe that one of the best ways to learn—is to do. Our students have unmatched opportunities for applied learning. In addition to working on projects with hundreds of industry partners, our students are able to participate in real-world research at our college's internationally recognized research centers and labs.

Hands-on learning experiences with industry partners occur through course projects, capstones, participation in college events with industry speakers or sponsors, and internships. Industry partners include Adobe, Google, Microsoft, PriceWaterhouseCoopers, the US Department of Defence, the US Department of Justice, and many more.

The college's world-renowned research centers and labs include:

- **The Social Data Science Center (SoDA)**
- **Center for Advanced Study of Communities and Information (CASCI)**
- **Computational Linguistics and Information Processing (CLIP)**
- **Digital Curation Innovation Center (DCIC)**
- **The Human-Computer Interaction Lab (HCIL)**
- **Trace Research & Development Center (TRACE)**



The skills I'm learning in the iSchool are preparing me to be a leader in the information industry. I'm learning how to use data analytics and business analytics to help clients reach decisions that are beneficial.

– Alexandra Porter, MIM student



ADMISSIONS

UMD - Admission Requirements & Steps

- Complete the UMD Graduate School application. The Graduate School's [Step-by-Step guide](#) is a helpful resource for prospective applicants.
- Pay the application fee to the UMD Graduate School.
- Upload transcripts for all undergraduate and graduate courses at each institution you have attended.
- Provide a Statement of Purpose describing your experiences and interests that will help you succeed in UMD's Master of Information Management program.
- Submit the names and e-mail addresses of three academic or professional references.
- Upload a current resume or CV.
- Send [TOEFL/IELTS](#) scores to the University of Maryland (international applicants only).
- If you are a [resident](#) of the State of Maryland or believe you qualify as one, be sure to fill out the Maryland Residency section of the Graduate Application. If you have questions about Residency Classification, email resclass@umd.edu.

MIM - Additional Admission Requirements & Next Steps

- Submit your [MIM Supplemental Application](#) responses.
- Optionally, send GRE or GMAT scores to the Graduate School.
- One or more years of full-time work experience in the information technology fields is preferred, but not a requirement for admission. That might include information technology, management, user experience, project management, business analysis, database management, etc.



FREQUENTLY ASKED QUESTIONS

How much does it cost to get a master's degree?

UMD's Student Financial Services and Cashiering's [website](#) posts the latest tuition and fees. Please note that there are different costs for students classified as Maryland residents and students from out of state or other countries. You can learn more about the cost of courses in the iSchool [here](#).

Is it possible to complete the MIM degree on a part-time basis?

Yes. Some of our students choose to attend part-time, completing one or two courses per semester. These students graduate from the program in 3-5 years.

Can I complete the MIM coursework entirely online?

Not at this time. While the iSchool does offer some online courses, most coursework, including much of the MIM core, must be completed in person on UMD's College Park campus. Please note that the COVID-19 pandemic will dictate course modality, so at times all courses will be taught online depending on the local and university policies.

Can I complete the program in under two years?

Yes, it is possible to complete the program in fewer than two years. This requires taking accelerated coursework during the winter and summer semesters to meet the degree requirements.

Is it possible to work while completing the program?

Certainly. Many of our students hold part-time and even full-time positions during their studies. While we cannot guarantee when courses will be offered, we do our best to schedule classes at times that can accommodate professional students' schedules.

Do you prefer that applicants have work experience somewhere before applying?

While we prefer students to have some professional work experience prior to starting the MIM program, we also welcome applicants who apply directly from their undergraduate programs. Our student body is a mix of folks of different life experiences, contributing to the richness of our course discussions. Some students join us directly from their undergraduate degrees and others enter MIM after working in their field for several years.

How can I find out more about the MIM program? Can I visit campus or sit in on a class?

Prospective students are encouraged to attend one of our periodic [virtual information sessions](#). Applicants who live in the DC Metro area are also welcome to attend the iSchool's annual Open House in October.



FREQUENTLY ASKED QUESTIONS

Do I need to take the GRE?

For Fall 2022 admission, we have made the GRE/GMAT exams optional. You are welcome to submit scores if you have them. Applicants who opt not to submit their scores are not penalized. We understand that there are many reasons not to sit for these exams; we do not make assumptions as to why you do or do not include them in your application.

Do I need to take the TOEFL/IETLS/PTE exam?

You will be required to submit TOEFL, IELTS or PTE scores if you do not hold a degree from a U.S. institution or from one of the English speaking countries (the list of countries can be found [here](#)). If you are a U.S. citizen or permanent resident with international credentials, you will still be required to submit English test scores if you do not hold a degree from one of the countries on this list. Applicants need to meet the requirements for Full Enrollment, as detailed on the link above.

CONTACT US

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