Welcome new and returning students to the fall term at UMUC. It is my pleasure to join the Graduate School, and I am excited to become a part of an environment that emphasizes excellence in education.

If you are a new student embarking on your educational path at UMUC, you have enrolled in a university that is a leader in distance education. I too am new and share your enthusiasm and determination to succeed. My goal is to make sure you achieve your educational objectives. At UMUC, our mission to serve adult students results in an emphasis on workforce-relevant programs, such as the new program in data analytics that is featured in the fall highlights. I am committed to empowering our students through these and our other high-quality degree programs.

If you are a returning student continuing your educational program at UMUC, you are that much closer to achieving your academic goals. You have experienced what UMUC has to offer and know how hard we work to support your progress.

Together we can work toward the successful achievement of your educational and professional objectives. I look forward to meeting these challenges with you.

Sincerely,

Aric Krause, PhD
Vice Provost and Dean
The Graduate School
University of Maryland University College
E-mail: aric.krause@umuc.edu
NEW MS IN DATA ANALYTICS OFFERED

UMUC is pleased to announce its new Master of Science (MS) program in data analytics, the first-of-its-kind in the growing field of “big data.” The program is aimed at practitioners working in data analytics who want to enhance their skills and large companies and organizations looking to build or enhance a business intelligence function.

The program was developed to help meet the growing need for highly skilled professionals who can transform the ever-increasing amount of data confronting all organizations into usable information. There is an acknowledged shortage of individuals with the requisite analytic experience and skill. UMUC’s program is unique in that it requires students to understand the business operations of an organization and the information technology requirements necessary to ensure its viability.

The MS in data analytics is offered online. For more information, visit www.umuc.edu/data.

HEALTH ADMINISTRATION INFORMATICS PROGRAM RECEIVES CAHIIM ACCREDITATION

The Master of Science in health administration informatics program, which was first introduced in the 2005–6 academic year, recently received accreditation from the Commission for Accreditation of Health Informatics and Information Management (CAHIIM). UMUC’s program is the first in the Maryland, Virginia, and Washington, D.C., metropolitan area to receive this rigorous accreditation and is one of only six accredited graduate health informatics management programs in the United States.

“Health informatics applies information technology throughout every aspect of the health care delivery system,” says Katherine Marconi, PhD, program director of health care administration and health administration informatics. “UMUC students learn skills to direct projects such as designing patient portals for consumers to access and review their care, managing electronic medical records to make information easily available to providers, and using information technology to assess and improve care quality and patient services.”

Individuals with health informatics management skills are in high demand. According to the U.S. Bureau of Labor Statistics, employment opportunities for medical and health services managers are expected to grow faster than average—increasing by 22 percent between 2010 and 2020. Graduates of this UMUC program work in many different types of health care settings, including hospitals, outpatient facilities, insurance companies, and consulting firms.

UMUC also offers an 18-credit graduate certificate* in Health Administration Informatics. According to Marconi, “This certificate is geared toward health care professionals who may not need or want a master’s degree but who are interested in acquiring health informatics management skills. Students can, however, transfer into the master’s degree program anytime during their certificate studies.”

For more information about the health administration informatics graduate degree or certificate, visit www.umuc.edu/grad.

* More information about certificates, including gainful employment disclosures, is available at www.umuc.edu/gradcertificates.

GRADUATE SCHOOL WELCOMES NEW DEAN

UMUC has announced the appointment of Aric Krause, PhD, as the new vice provost and dean of the Graduate School. Krause is the former dean of the Division of New Learning at Westminster College in Utah. He has 18 years of experience in higher education and 10 as an academic leader and has built his career on developing innovative learning and delivery models for adult students.

“Dr. Krause brings a wealth of experience and knowledge to his new position,” says Marie Cini, PhD, UMUC’s provost and senior vice president for academic affairs. “He is an engaged scholar-practitioner who studies his craft.”

Part of Krause’s previous work includes development of a project-based MBA program that has garnered national attention. He has also partnered with a number of international universities to deliver academic programs.

Krause holds an MA in economics from DePaul University and a PhD in economics from Colorado State University. He remains active in his discipline, presenting and publishing on the U.S. and global economic outlook.
# IMPORTANT DATES

Visit [www.umuc.edu/calendar](http://www.umuc.edu/calendar) for up-to-date information. Check [www.umuc.edu/weather](http://www.umuc.edu/weather) for class cancellations in inclement weather or other emergency situations. Visit [www.umuc.edu/locate](http://www.umuc.edu/locate) for UMUC course and service locations and phone numbers.

---

## SESSION DATES FOR CREDIT COURSES

### FALL 2013

- **Standard (on-site)** September 9–December 1
- **Online session 1** August 26–November 17
- **Online session 2** September 9–December 1
- **Online session 3** September 23–December 15
- **Doctoral session** September 9–December 9
- **MBA/Executive session** October 2–December 10
- **CMBA session 1** August 19–September 22
- **CMBA session 2** September 30–November 3
- **CMBA session 3** November 11–December 15
- **CMBA practicum** September 30–December 15

### UCSP 620, 621, AND 630

September 9–November 3

### UCSP 815

September 9–October 13

## FALL 2013 REGISTRATION DATES

Fall 2013 registration is open now. Registration for online classes ends five days before the course start date; for hybrid classes and on-site classes, it ends the day before the course start date.

**ONLINE**

Go to MyUMUC ([https://my.umuc.edu](https://my.umuc.edu)) at any time.

**ON-SITE**

On-site registration is available during regular office hours at the following locations:

- Arundel Mills
- Dorsey Station
- Hagerstown
- Largo
- Northeast Maryland Higher Education Center
- Shady Grove
- Southern Maryland Higher Education Center
- UMUC at Quantico
- Waldorf Center for Higher Education

*Note:* Golden ID students must register on-site the week before classes begin.

## SESSION DATES FOR NONCREDIT COURSES

### UCSP 615

August 26–September 29
September 9–October 13
September 23–October 27
November 4–December 8

### UCSP 615A

October 2–November 6

## DROP/WITHDRAWAL DEADLINES

See [www.umuc.edu/withdrawals](http://www.umuc.edu/withdrawals) for specific dates of deadlines for dropping without cost (and without record of the registration on your transcript) and for withdrawing (before 65 percent of the session is over).

## OFFICES CLOSED

- September 2
- November 28–29

## DIPLOMA AND CERTIFICATE+ APPLICATION DEADLINES

<table>
<thead>
<tr>
<th>Session</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>For September 2013 (MBA/CIO)</td>
<td>July 15</td>
</tr>
<tr>
<td>For December 2013</td>
<td>October 15</td>
</tr>
<tr>
<td>For March 2014 (MBA)</td>
<td>February 15</td>
</tr>
<tr>
<td>For May 2014</td>
<td>February 15</td>
</tr>
<tr>
<td>For June 2014 (MBA)</td>
<td>April 1</td>
</tr>
<tr>
<td>For August 2014</td>
<td>June 15</td>
</tr>
</tbody>
</table>

## FINANCIAL AID DEADLINE

- For fall 2013: June 1
- For winter/spring 2014: November 1
- For summer 2014: April 1

## COMMENCEMENT

May 17, 2014

---

*More information about certificates, including gainful employment disclosures, is available at [www.umuc.edu/gradcertificates](http://www.umuc.edu/gradcertificates).*
As you pursue your academic goals, UMUC is with you every step of the way. Below, find the support you need to help you succeed throughout your program.

**Your First Stop**

**MyUMUC Portal**

You can register for courses, pay tuition, apply for financial aid, and much more through the MyUMUC student portal, available at [https://my.umuc.edu](https://my.umuc.edu).

**Student Services**

**Academic Advising**

UMUC graduate advising can help you stay on track during your program. Contact a graduate advisor by phone (see contact information, p. 19) or send an e-mail to gradinfo@umuc.edu. In-person advising is available at Dorsey Station, Largo, and Shady Grove. Visit [www.umuc.edu/locate](http://www.umuc.edu/locate) or see p. 21 for site information.

**Career Services**

Career planning assistance and resources for job searching, résumé writing, and many other services, plus job listings are available through Career Services at [www.umuc.edu/careerservices](http://www.umuc.edu/careerservices). For more information and assistance, call 800-888-UMUC, ext. 2-2720.

**Computer Labs**

If you are a UMUC student with a current ID, you have access to computer labs at Arundel Mills, Dorsey Station, Hagerstown, Largo, Shady Grove, and the Waldorf Center. Call the individual site for lab hours. For phone numbers, see p. 21 or visit [www.umuc.edu/locate](http://www.umuc.edu/locate). More information on computing facilities is available at [www.umuc.edu/computerlabs](http://www.umuc.edu/computerlabs).

**Financial Aid and Payment Options**

Learn about financial aid options for those who qualify and apply at [www.umuc.edu/financialaid](http://www.umuc.edu/financialaid). For assistance, call 800-888-UMUC or send an e-mail to gradfinaid@umuc.edu. To find out about the convenient monthly installment payment plan and explore other options, such as employer-provided tuition assistance, visit [www.umuc.edu/payoptions](http://www.umuc.edu/payoptions).

**Students with Disabilities**

If you require any special accommodations because of a temporary or permanent disability, contact Accessibility Services four to six weeks prior to the start of each session at 800-888-UMUC, ext. 2-2287 (or 240-684-2277 TTY), or [accessibilityservices@umuc.edu](mailto:accessibilityservices@umuc.edu).

**Students in the Military**

UMUC offers special tuition benefits, financial support, and other programs for active-duty military servicemembers and their spouses, regardless of residency (see [military.umuc.edu](http://military.umuc.edu)). To learn about scholarships available to military students and spouses and to apply, visit [military.umuc.edu/scholarships](http://military.umuc.edu/scholarships).

**Veteran Students**

Information about U.S. Department of Veterans Affairs educational benefits is available at [military.umuc.edu/vabenefits](http://military.umuc.edu/vabenefits). For assistance, e-mail veterans@umuc.edu or call 800-939-UMUC (8682).

**Textbooks**

Textbooks and course materials may be purchased through MBS Direct. Visit [www.umuc.edu/bookstore](http://www.umuc.edu/bookstore) for details about ordering online or in person. To order textbooks by phone, call MBS Direct at 800-325-3252.

**Academic Resources**

**The UMUC Library**

Extensive library resources and services are available online, 24 hours a day, seven days a week. You can also receive librarian assistance in person, via instant messaging, or by phone (at 800-888-UMUC, ext. 2-2020) during regular office hours or by e-mail (at library@umuc.edu) or online chat 24 hours a day. Visit [www.umuc.edu/library](http://www.umuc.edu/library) for a complete list of library services.

**Technical Requirements for Online Courses**

UMUC online graduate courses require a minimum level of computer hardware and software. To view the full list of minimum technical requirements, visit [www.umuc.edu/gradtech](http://www.umuc.edu/gradtech). For assistance in accessing your online course, call 888-360-UMUC (8682) or visit [support.umuc.edu](http://support.umuc.edu).

**Writing Assistance**

Receive feedback on your writing assignments from expert advisors and use online writing and research resources through the Effective Writing Center. Visit the Effective Writing Center online at [www.umuc.edu/ewc](http://www.umuc.edu/ewc) or send an e-mail to writingcenter@umuc.edu.
GRADUATE PROGRAMS

UMUC’s graduate programs are career-focused and combine theory with practice. Almost all are offered online, so that busy adults can earn credit from anywhere in the world.

DOCTORAL PROGRAM

Doctor of Management ★

Doctor of Management in community college policy and administration ★ ●

MASTER’S DEGREE PROGRAMS

Master of Arts in Teaching ★★

Master of Business Administration

Master of Business Administration—one year program

Master of Distance Education and E-Learning
  Distance education policy and management
  Distance education teaching and training
  Distance education technology

Master of Education in instructional technology

Master of International Management
  International emergency management
  International enterprise management
  International financial management
  International marketing management

Master of Science in accounting and financial management

Master of Science in accounting and information systems

Master of Science in biotechnology
  Bioinformatics
  Biosecurity and biodefense
  Biotechnology management
  Regulatory affairs

Master of Science in cybersecurity

Master of Science in cybersecurity policy

Master of Science in data analytics

Master of Science in digital forensics and cyber investigation

Master of Science in environmental management

Master of Science in financial management and information systems

Master of Science in health administration informatics

Master of Science in health care administration

Master of Science in information technology
  Database systems technology
  Homeland security management
  Informatics
  Information assurance
  Project management
  Software engineering
  Systems engineering
  Telecommunications management

Master of Science in management
  Accounting
  Acquisition and supply chain management
  Criminal justice management
  Emergency management
  Financial management
  Health care administration
  Homeland security management
  Human resource management
  Information systems and services
  Intelligence management
  Interdisciplinary studies in management
  Marketing
  Nonprofit and association management
  Project management
  Public relations

Master of Science in technology management
  Emergency management
  Homeland security management
  Information systems and services
  Project management
  Systems engineering

DUAL DEGREE PROGRAMS

Either degree may be earned first:

MASTER OF BUSINESS ADMINISTRATION WITH

Master of Distance Education and E-Learning

Master of International Management

Master of Science in biotechnology

Master of Science in cybersecurity policy

Master of Science in environmental management

Master of Science in financial management and information systems

Master of Science in health care administration

Master of Science in information technology

Master of Science in management

Master of Science in technology management

OTHER DUAL DEGREE COMBINATIONS

Master of Distance Education and E-Learning/Master of Science in management

Master of Distance Education and E-Learning/Master of Science in technology management

Master of Education in instructional technology/Master of Distance Education and E-Learning

Master of Science in accounting and financial management/Master of Science in financial management and information systems

★ Offered online with mandatory residencies or course meetings.
● Not available to Maryland residents.
★★ On-site teaching practicum required.
Master of Science in accounting and information systems/Master of Science in accounting and financial management

Degrees must be earned in order listed:

Master of Arts in Teaching/Master of Education in instructional technology

Master of Science in cybersecurity/Master of Business Administration

Master of Science in data analytics/Master of Business Administration

Master of Science in digital forensics and cyber investigation/Master of Business Administration

Master of Science in information technology/Master of Science in cybersecurity policy

TEACHER EDUCATION PROGRAM (NONDEGREE)

Teacher Education Reading Strand:
Reading Courses in Elementary and Secondary Education

CERTIFICATE PROGRAMS

Accounting
Accounting and Information Systems
Acquisition and Supply Chain Management
Bioinformatics
Biosecurity and Biodefense
Biotechnology Management
Criminal Justice Management
Cybersecurity Policy
Cybersecurity Technology
Database Systems Technology
Digital Forensics and Cyber Investigation
Distance Education, Globalization, and Development
Distance Education Leadership
Emergency Management
Environmental Management
Financial Management in Organizations
Foundations in Business Analytics
Foundations of Cybersecurity
Foundations of Distance Education and E-Learning
Foundations of Human Resource Management
Foundations of Information Technology
Health Administration Informatics
Health Care Administration
Homeland Security Management
Informatics
Information Assurance
Instructional Design for E-Learning
Integration Technology Integration
Integrated Direct Marketing
Intelligence Management
International Marketing
International Trade
Leadership and Management
Library and Intellectual Property in Distance Education and E-Learning
Nonprofit and Association Financial Management
Policy and Management in Distance Education and E-Learning
Predictive Analytics
Project Management
Public Relations
Regulatory Affairs (in biotechnology)
Software Engineering
Systems Analysis
Systems Engineering
Teaching and Training at a Distance
Technology in Distance Education and E-Learning
Telecommunications Management

EXECUTIVE CERTIFICATE PROGRAM

Chief Information Officer

More information about certificates, including gainful employment disclosures, is available at www.umuc.edu/gradcertificates.

Pending approval.

Offered with University of Maryland, Baltimore County.

National Leadership Institute

The National Leadership Institute (NLI) at UMUC provides programs that help develop the leadership skills and abilities of career-focused managers and executives. Programs are noncredit and short-term and are designed for mid- to senior-level managers from the corporate, nonprofit, and government sectors who wish to make a positive and meaningful transformation in their professional and personal lives. Participants receive a comprehensive assessment of their leadership skills and perspectives, learn how their behavior affects others, engage in experiential exercises that demonstrate leadership behaviors, and leave the program with a workable leadership development plan.

NLI is a network associate of the Center for Creative Leadership (CCL), recognized worldwide as the preeminent organization devoted to leadership training and research.

NLI’s wide range of leadership development programs include

- The Leadership Development Program (LDP)
- Maximizing Your Leadership Potential
- Online Leadership Assessment Program (OLAP)
- Negotiating Conflict Program
- Conflict Dynamics Profile Certification Class
- Leadership workshops
- Executive coaching packages
- Custom-designed programs and workshops

More information may be obtained by calling the business development office at 240-684-2320, or by sending e-mail to nli@umuc.edu. Schedule, registration, and pricing information is also available online at www.umuc.edu/nli. NLI is on the GSA/MOBIS Schedule (GS#10F-0357N); please call 240-684-2320 before registering.
TUITION INFORMATION

One of the key values that drives UMUC is affordability. Not only does UMUC make sure that the tuition rates listed below are competitive, the university also helps you find ways to afford the cost of your education.

Tuition rates are subject to the approval of the University System of Maryland (USM) Board of Regents. They may be changed, or other charges may be included, as a result of the Board of Regents decisions. Notwithstanding any other provision of this or any other university publication, the university reserves the right to make changes in tuition, fees, and other charges at any time such changes are deemed necessary by the university or the USM Board of Regents.

Tuition and Fees

Due at Time of Registration

All tuition and fees are due at the time of registration, unless you

1. Applied for financial aid to cover tuition and fees for this session;
2. Enrolled in UMUC’s interest-free monthly payment plan (to find out more, visit www.umuc.edu/payoptions); or
3. Provide confirmation that you will receive employer-provided tuition assistance.

If you register by

<table>
<thead>
<tr>
<th>Registration Method</th>
<th>Payment Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online via MyUMUC</td>
<td>Payment is due with registration or must be submitted by mail the day of registration</td>
</tr>
<tr>
<td>Mail, fax, or in person</td>
<td>Payment must accompany your registration</td>
</tr>
</tbody>
</table>

Payment is expected by the due date. If UMUC has not received your payment in full, your registration may be canceled.

Note: Not paying for a course does not relieve you of your financial obligation to the university.

Mandatory Technology Fee

A technology fee of $15 per credit is charged at the time of registration to improve the institutional information technology infrastructure and help fund technological advancements and tools to enhance the student experience. See Additional Fees for details.

Available Methods of Payment

UMUC offers a variety of payment options. Payments may be made via

1. Credit card—American Express, Discover, MasterCard, and Visa payments can be made online at https://my.umuc.edu or by phone at 800-888-UMUC
2. Money order
3. Check—made payable to University of Maryland University College
4. Electronic check—payments can be deducted directly from your checking account via https://my.umuc.edu
5. Cash (in person at Largo only)

Registration payments—whether made by cash, check, money order, or credit card—are final and may not be replaced by any type of tuition assistance. The tuition and fees listed are those in effect at the time of publication, but are subject to change.

Graduate Tuition per Credit

<table>
<thead>
<tr>
<th>STANDARD GRADUATE COURSES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maryland residents</td>
<td>$458</td>
</tr>
<tr>
<td>Nonresidents</td>
<td>$659</td>
</tr>
<tr>
<td>Military *</td>
<td>$458</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AMBA, CMBA, DATA, DMBA, RMBA, AND CSEC COURSES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(except AMBA 600, regardless of residency)</td>
<td>$694</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DMGT AND DMCC COURSES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(except DMGT 600, regardless of residency)</td>
<td>$1,087</td>
</tr>
</tbody>
</table>

Note: Golden ID benefits may not be applied to courses in the MBA or MS in cybersecurity, cybersecurity policy, data analytics, or digital forensics and cyber investigation programs or to 800-level courses for the DM.

Graduate Tuition per Course

<table>
<thead>
<tr>
<th>Course</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AMBA 600</td>
<td>$694</td>
</tr>
<tr>
<td>DMGT 600</td>
<td>$1,087</td>
</tr>
<tr>
<td>UCSP 615/615A/615E Orientation to Graduate Studies at UMUC</td>
<td>$75</td>
</tr>
<tr>
<td>UCSP 620 Financial Accounting</td>
<td>$225</td>
</tr>
<tr>
<td>UCSP 621 Economics</td>
<td>$225</td>
</tr>
<tr>
<td>UCSP 630 Introduction to Research Methods</td>
<td>$225</td>
</tr>
<tr>
<td>UCSP 815 Introduction to Library Research Skills for Doctoral Studies</td>
<td>$75</td>
</tr>
</tbody>
</table>

Note: Financial aid, Golden ID benefits, and USM remission of fees may not be applied to noncredit courses.

*Active-duty military personnel and their spouses, members of the Selected Reserves and National Guard, and some dependent children of active-duty military personnel are eligible for the military rate. Commissioned Corps members of the U.S. Public Health Service and the National Oceanic and Atmospheric Administration and their spouses and some dependent children are also included under the military rate. In addition, some veterans who attended secondary school in Maryland are also eligible for the Maryland resident tuition rate. View the residency policy at www.usmd.edu/regents/bylaws/SectionVIII/VIII270.html.
Graduate Tuition per Program for Executive CIO Certificate

Note: Tuition for the Executive CIO certificate program includes the cost of tuition, books, library skills course, instructional materials, and executive group coaching. Neither tuition remission for USM employees nor Golden ID benefits may be used for this program.

EXECUTIVE CIO CERTIFICATE PROGRAM (FOUR COURSES) $28,344

Tuition is payable on the following schedule:
$7,086 before each seminar*

Additional Fees

APPLICATION (NONREFUNDABLE)
Doctor of Management $100
All other graduate programs $50

DIPLOMA APPLICATION (NONREFUNDABLE)
For both degrees and certificates $50

STUDY TRIP FEE (FOR RMBA 670)
(does not include airfare) $3,000

TECHNOLOGY FEE
Per credit for credit courses $15

TRANSCRIPTS
$10

RETURNED CHECKS
$30

Note: In accordance with UMUC and Board of Regents policies, all students who fail to pay charges incurred with UMUC will be transferred to the State Central Collection Unit. Additionally, UMUC has received authorization from the Board of Regents to charge students’ delinquent accounts a 17 percent collection fee and/or all attorney and court costs incurred by the university. Once a past due balance with UMUC has been transferred to the State Central Collection Unit, students’ information will be forwarded to the credit bureau.

Requests for services (e.g., transcripts, diplomas, commencement arrangements, transfer credit review) may be denied until all debts are paid in full. All graduate students are required to pay graduate tuition for all graduate courses in which they are enrolled.

Payment Options

Monthly Tuition Payment Plan
UMUC offers an interest-free, monthly tuition-payment plan administered by ECSI. The plan allows you to spread all or part of your tuition bills into monthly installments on a session basis, thus providing greater financial flexibility. All UMUC students are eligible to participate in the payment plan, regardless of financial need. More information may be found online at www.umuc.edu/payoptions or by calling 866-927-1438.

Other Payment Options

Find detailed information about other payment options at the following Web pages.

EMPLOYER-PROVIDED ASSISTANCE
www.umuc.edu/payoptions

FINANCIAL AID AWARDS
www.umuc.edu/financialaid

VETERANS BENEFITS
military.umuc.edu/vabenefits

Tuition Refund Policy

The official date used to determine a refund of tuition is the date of the drop or withdrawal transaction. See www.umuc.edu/refundpolicy for more information.

Drops/Withdrawals and Financial Aid

If you are receiving financial aid and drop or withdraw from a class, your financial aid awards may be canceled or reduced, depending on the type of funds you are receiving and when you drop or withdraw. If you are receiving Title IV federal financial aid funds and drop or withdraw from all classes within the first 60 percent of the academic session, your financial aid will be subject to a return of funds calculation, as required by federal law. UMUC is required to return the federal government any federal financial aid funds that were “unearned” based on the percentage of time you attended class. If you stop attending all classes without officially withdrawing, you will be subject to a return of funds calculation at the end of the session, based on the last documented date of attendance as determined by the faculty.

Financial aid recipients should check with a financial aid advisor before dropping or withdrawing from a course to determine the impact on their award.

To withdraw from a course after the drop grace period, you must follow UMUC’s withdrawal procedures, as outlined in the graduate catalog or online at www.umuc.edu/withdraw.

For more information on the federal Title IV refund policy, see www.umuc.edu/policies.

* A deposit of $500 is required after applications are accepted to reserve a place in the class. The first full tuition payment is due before the start of Seminar I.

* Technology fee does not apply to MBA; MS in cybersecurity, cybersecurity policy, or data analytics; DM; and Executive CIO certificate courses.
In this section you will find graduate courses offered during the fall 2013 term. Courses are organized in alphanumerical order by subject.

### Taking Graduate Courses

#### First Courses for Your Program
To determine which course you should take first, go to [www.umuc.edu/catalog](http://www.umuc.edu/catalog) and see the course requirements for your program. The noncredit course UCSP 615 Orientation to Graduate Studies at UMUC is required for all UMUC graduate students within the first 6 credits of graduate study. The 3-credit elective COMM 600 Academic Writing for Graduate Students is also recommended near the beginning of your program.

#### Noncredit Courses
Several noncredit courses are available to help you build valuable skills so you can complete your graduate program successfully. More information on noncredit courses is available in the graduate catalog.

#### Dual Degree Programs
Students must complete the first degree before beginning coursework on a second degree. Requirements for the second degree are specified in the graduate catalog and online at [www.umuc.edu/dual](http://www.umuc.edu/dual).

#### Mandatory Course Evaluations
UMUC uses student feedback to make decisions about future courses. The online evaluation is required to ensure complete information from every student—your input is vital. The evaluation notice will appear on class screens when about 75 percent of the session has been completed.

---

### Key to Course Listings

<table>
<thead>
<tr>
<th>Subject</th>
<th>Catalog Number</th>
<th>Course Title</th>
<th>Number of Units</th>
<th>Geographical Location or Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT</td>
<td>600</td>
<td>Accounting</td>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>College Park</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USS</td>
<td>(21842)</td>
<td>1131</td>
<td>W</td>
<td>7–10 p.m.</td>
</tr>
</tbody>
</table>

**Key to Sessions**

- Standard on-site session .................................................. USS
- Grad online sessions 1, 2, and 3 ....................................... G01, G01, G02
- MBA session ........................................................................ MBA
- Executive session ............................................................... UX1
- Doctoral session .................................................................... UDM
- Full-term session .................................................................. FTS
- Grad intensive format sessions ......................................... GU1, GU2, GU3
Course Availability

While most courses are available each semester, certain program or specialization capstone courses—such as BTMN 670 and TLMN 670—are only available during the fall and spring. Check with your advisor to determine if you can plan on taking the capstone during the fall term.

Updates Available Online

Course sections are often added after publication of the schedule of classes. Check online at www.umuc.edu/schedule for the most up-to-date listing.

FALL 2013 CLASSES

ACCT

ACCT 610 Financial Accounting (3)
Online
G02  (82957)  9040
G03  (83312)  9080

ACCT 611 Management Accounting (3)
Online
G02  (82958)  9040

ACCT 612 Auditing (3)
Online
G02  (82959)  9040

ACCT 613 Federal Income Taxation (3)
Online
G02  (82961)  9040
G03  (83314)  9080

ACCT 614 Accounting Information Systems (3)
Online
G02  (82962)  9040

ACCT 625 Government and Not-for-Profit Accounting (3)
Online
G02  (84472)  9040

ACCT 630 Fraud Examination (3)
Online
G02  (84473)  9040

ACCT 635 Accounting Ethics (3)
Online
G02  (84474)  9040

ACCT 640 International Accounting (3)
Online
G02  (84475)  9040

AMBA

AMBA 600 MBA Fundamentals (3)
Online
MBA  (83453)  9040

Adelphi Hybrid  *
MBA  (83404)  1141  Th  6:30–9:30 p.m.
MBA  (83422)  1142  Th  6:30–9:30 p.m.
MBA  (83423)  1143  Th  6:30–9:30 p.m.
MBA  (83448)  1144  Th  6:30–9:30 p.m.

Dorsey Station Hybrid  *
MBA  (83450)  7641  Th  6:30–9:30 p.m.
MBA  (83452)  7642  Th  6:30–9:30 p.m.

Quantico Hybrid  *
MBA  (83516)  3131  W  6–9 p.m.

AMBA 610 The Manager in Organizations and Society (6)
Online
MBA  (83502)  9040

Adelphi Hybrid  *
MBA  (83499)  1141  Th  6:30–9:30 p.m.
MBA  (83500)  1142  Th  6:30–9:30 p.m.

Dorsey Station Hybrid  *
MBA  (83501)  7631  W  6:30–9:30 p.m.

Quantico Hybrid  *
MBA  (83515)  3131  W  6–9 p.m.

Note: Continuing students are registered for AMBA 620–670 by Business and Executive Programs. Returning MBA students should contact Graduate Advising at 800-888-UMUC to re-enroll.

ASCM

ASCM 626 Purchasing and Materials Management (3)
Online
G02  (83006)  9040
G03  (83307)  9080

ASCM 627 Legal Aspects of Contracting (3)
Online
G02  (83006)  9040
G03  (83306)  9080

ASCM 628 Contract Pricing and Negotiations (3)
Online
G02  (83009)  9040

ASCM 629 Strategic Purchasing and Logistics (3)
Online
G02  (83010)  9040

ASCM 630 Commercial Transactions in a Technological Environment: Law, Management, and Technology (3)
Online
G02  (83017)  9040

ASCM 631 Integrative Supply Chain Management (3)
Online
G02  (83016)  9040

ASCM 632 Contemporary Logistics (3)
Online
G02  (83015)  9040

ASCM 650 Legal Aspects of Contracting and Commercial Transactions (6)
Online
G02  (83011)  9040

BIFS

BIFS 613 Statistical Processes for Biotechnology (3)
Online
G02  (82789)  9040

BIFS 614 Data Structures and Algorithms (3)
Online
G02  (82789)  9040

BIFS 617 Advanced Bioinformatics (3)
Online
G02  (82790)  9040

BIFS 618 Java for Biotechnology Applications (3)
Online
G02  (82791)  9040

* Hybrid courses are offered with approximately every other session on-site and the remaining sessions online.

Course descriptions may be accessed via the online schedule at www.umuc.edu/schedule.
<table>
<thead>
<tr>
<th>Course</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIFS 619 Gene Expression Data Analysis (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82792) 9040</td>
</tr>
<tr>
<td>BIOT</td>
<td></td>
</tr>
<tr>
<td>BIOT 601 Introduction to Molecular Biology (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82781) 9040</td>
</tr>
<tr>
<td>BIOT 630 Introduction to Bioinformatics (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82676) 9040</td>
</tr>
<tr>
<td></td>
<td>GO3 (83346) 9080</td>
</tr>
<tr>
<td>Shady Grove</td>
<td>USS (83550) 5121 Tu 7–10 p.m.</td>
</tr>
<tr>
<td>BIOT 640 Societal Issues in Biotechnology (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO1 (82605) 9020</td>
</tr>
<tr>
<td></td>
<td>GO2 (82707) 9040</td>
</tr>
<tr>
<td></td>
<td>GO3 (83347) 9080</td>
</tr>
<tr>
<td>BIOT 643 Techniques of Biotechnology (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82784) 9040</td>
</tr>
<tr>
<td></td>
<td>GO3 (83348) 9080</td>
</tr>
<tr>
<td>Shady Grove</td>
<td>USS (83934) 5131 W 7–10 p.m.</td>
</tr>
<tr>
<td>BIOT 645 Bioprocessing and the Business of Biotechnology (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82786) 9040</td>
</tr>
<tr>
<td></td>
<td>GO3 (83349) 9080</td>
</tr>
<tr>
<td>BSBD</td>
<td></td>
</tr>
<tr>
<td>BSBD 640 Agents of Bioterrorism (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82793) 9040</td>
</tr>
<tr>
<td>BSBD 641 Biosecurity and Bioterrorism (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82794) 9040</td>
</tr>
<tr>
<td>BSBD 642 Advanced Biosecurity and Bioterrorism (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82796) 9040</td>
</tr>
<tr>
<td>BSBD 643 Strategies for Interagency Cooperation, Verification, and Global Countermeasures in Biodefense (6)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (83142) 9040</td>
</tr>
<tr>
<td>BTMN</td>
<td></td>
</tr>
<tr>
<td>BTMN 632 Commercializing Biotechnology in Early-Stage Ventures (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82797) 9040</td>
</tr>
<tr>
<td>BTMN 634 Selection and Evaluation of Biotechnology Projects (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82799) 9040</td>
</tr>
<tr>
<td>BTMN 636 Biotechnology and the Regulatory Environment (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82800) 9040</td>
</tr>
<tr>
<td>BTMN 670 Capstone in Biotechnology (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (82801) 9040</td>
</tr>
<tr>
<td>CIPC</td>
<td></td>
</tr>
<tr>
<td>CIPC 610 Understanding Intellectual Property Management (6)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>FTS (83535) 9080 Class meets September 23–December 1.</td>
</tr>
<tr>
<td>CIPC 620 Digitization, Digital Media, and Licensing (5)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>FTS (83536) 9080 Class meets September 23–December 1.</td>
</tr>
<tr>
<td>CJMS</td>
<td></td>
</tr>
<tr>
<td>CJMS 600 Critical Analysis of the Criminal Justice System (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (83021) 9040</td>
</tr>
<tr>
<td></td>
<td>GO3 (83039) 9080</td>
</tr>
<tr>
<td>CJMS 610 Perspectives in Law Enforcement Management (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (83020) 9040</td>
</tr>
<tr>
<td>CJMS 620 Issues in Correctional Administration (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (83024) 9040</td>
</tr>
<tr>
<td>CJMS 630 Seminar in Security Management (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (83025) 9040</td>
</tr>
<tr>
<td></td>
<td>GO3 (83310) 9080</td>
</tr>
<tr>
<td>CJMS 640 Criminal Justice Intelligence Systems and Approaches (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (83026) 9040</td>
</tr>
<tr>
<td>CJMS 650 Legal Aspects within the Criminal Justice System (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (83027) 9040</td>
</tr>
<tr>
<td>CJMS 660 Issues in Criminal Justice Leadership (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO2 (83028) 9040</td>
</tr>
<tr>
<td>CMBA</td>
<td></td>
</tr>
<tr>
<td>Note: New and continuing students are registered for CMBA courses by Business and Executive Programs. Returning one-year MBA students should e-mail <a href="mailto:oneyearmba@umuc.edu">oneyearmba@umuc.edu</a> to re-enroll.</td>
<td></td>
</tr>
<tr>
<td>COMM</td>
<td></td>
</tr>
<tr>
<td>COMM 600 Academic Writing for Graduate Students (3)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>FTS (83531) 9020 Class meets August 26–November 3.</td>
</tr>
<tr>
<td></td>
<td>FTS (83533) 9040 Class meets September 9–November 17.</td>
</tr>
<tr>
<td></td>
<td>MBA (83401) 9240 Class meets October 2–December 10.</td>
</tr>
<tr>
<td>College Park</td>
<td>FTS (83529) 1111 M 7–10 p.m.</td>
</tr>
<tr>
<td></td>
<td>Class meets September 9–November 17.</td>
</tr>
<tr>
<td></td>
<td>FTS (83530) 1141 Th 7–10 p.m.</td>
</tr>
<tr>
<td></td>
<td>Class meets September 9–November 17.</td>
</tr>
<tr>
<td>CSEC</td>
<td></td>
</tr>
<tr>
<td>CSEC 610 Cyberspace and Cybersecurity (6)</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td>GO1 (82801) 9020</td>
</tr>
<tr>
<td></td>
<td>GO2 (82889) 9040</td>
</tr>
<tr>
<td></td>
<td>GO3 (83288) 9080</td>
</tr>
</tbody>
</table>

Course descriptions may be accessed via the online schedule at www.umuc.edu/schedule.
CSEC 620 Human Aspects in Cybersecurity: Ethics, Legal Issues, and Psychology (6)
Online
G02 (82695) 9040
G03 (83296) 9080

CSEC 630 Prevention and Protection Strategies in Cybersecurity (6)
Online
G02 (82699) 9040

CSEC 635 National Cybersecurity Policy and Law (6)
Online
G02 (82701) 9040

CSEC 640 Monitoring, Auditing, Intrusion Detection, Intrusion Prevention, and Penetration Testing (6)
Online
G02 (82734) 9040

CSEC 645 Enterprise Cybersecurity Policy (6)
Online
G02 (82742) 9040

CSEC 650 Cyber Crime Investigation and Digital Forensics (6)
Online
G02 (82744) 9040

CSEC 655 Global Cybersecurity (6)
Online
G02 (82752) 9040

CSEC 661 Digital Forensic Investigations (6)
Online
G02 (83542) 9040

CSEC 662 Cyber Incident Analysis and Response (6)
Online
G02 (83543) 9040

CSEC 670 Cybersecurity Capstone (6)
Online
G02 (82753) 9040

DATA
Note: Students are registered for DATA courses by Business and Executive Programs. Contact an advisor for further information.

DBST
DBST 651 Relational Database Systems (3)
Online
G02 (82803) 9040
G03 (83350) 9080
College Park
USS (83564) 1111 M 7–10 p.m.
Shady Grove
USS (83565) 5131 W 7–10 p.m.

DBST 652 Advanced Relational/Object-Relational Database Systems (3)
Online
G02 (82805) 9040

DBST 663 Distributed Database Management Systems (3)
Online
G02 (82806) 9040

DBST 665 Data Warehouse Technologies (3)
Online
G02 (82807) 9040

DBST 667 Data Mining (3)
Online
G02 (82808) 9040

DBST 668 Database Security (3)
Online
G02 (82809) 9040

DBST 670 Database Systems Administration (3)
Online
G02 (82810) 9040

DEPM
DEPM 625 Distance Education, Globalization, and Development (3)
Online
G02 (83203) 9040

DETC
DETC 620 Training and Learning with Multimedia (3)
Online
G02 (83202) 9040

DETC 630 Emerging Technology Trends and Issues in Distance Education and E-learning (3)
Online
G02 (83201) 9040

DETT
DETT 607 Instructional Design and Course Development in Distance Education and E-Learning (3)
Online
G02 (83200) 9040

DETT 621 Online Learning and Development in the Workplace (3)
Online
G02 (83204) 9040

DMBA
Note: Continuing students are registered for DMBA courses by Business and Executive Programs. Returning MBA students should contact Graduate Advising at 800-888-UMUC to re-enroll.

DMCC
DMCC 810 Leadership and Change (6)
Online
UDM (83750) 9050

DMCC 821 Higher Education Policy (6)
Online
UDM (84000) 9050

DMCC 841 Institutional Assessment in the Community College Environment (6)
Online
UDM (83746) 9050

DMGT
DMGT 830 Research Methods I (6)
Online
UDM (83734) 9040

DMGT 835 Research Methods II (6)
Online
UDM (83738) 9040

Course descriptions may be accessed via the online schedule at www.umuc.edu/schedule.
## COURSE SCHEDULE

### DMGT 845 Organizational Environments in a Global Context (6)
- **Online**
  - UDM [83748] 9040

### DMGT 850 Innovation Process and Strategy (6)
- **Online**
  - UDM [83741] 9040

### DMGT 860 Postdoctoral Seminar and Practicum in Teaching (3)
- **Online**
  - UDM [84976] 9040

### DMGT 890 Dissertation Part I (4)
- **Online**
  - UDM [83739] 9040

### DMGT 891 Dissertation Part II (4)
- **Online**
  - UDM [83726] 9040

### DMGT 892 Dissertation Part III (4)
- **Online**
  - UDM [83727] 9040

### EDRS

#### EDRS 600 Reading in the Secondary Content Areas I (3)
- **Online**
  - GO2 [84576] 9040

#### EDRS 625 Instruction of Reading (3)
- **Online**
  - GO2 [83169] 9040

#### EDRS 630 Assessment for Reading Instruction (3)
- **Online**
  - GO2 [83170] 9040

### EDTC

#### EDTC 600 Foundations of Technology in Teaching and Learning (3)
- **Online**
  - GO2 [83172] 9040, GO3 [83385] 9080
  - **ACTFL**
    - GO2 [83210] 9046

#### EDTC 605 Teaching Information and Media Literacies in the Digital World (3)
- **Online**
  - GO2 [83174] 9040
  - **ACTFL**
    - GO2 [83211] 9046

#### EDTC 610 Web-Based Teaching and Learning: Design and Pedagogy (3)
- **Online**
  - GO2 [83176] 9040

#### EDTC 615 Using Technology for Instructional Improvement: Research, Data, and Best Practices (3)
- **Online**
  - GO2 [83177] 9040

#### EDTC 620 Technology in K–12 Education: Synchronous, Asynchronous, and Multimedia Technologies (3)
- **Online**
  - GO2 [83179] 9040

#### EDTC 625 Hardware and Software in Instructional Development (3)
- **Online**
  - GO2 [83181] 9040

#### EDTC 630 Administration of Technology Initiatives: Planning, Budgeting, and Evaluation (3)
- **Online**
  - GO2 [83182] 9040

#### EDTC 640 Leading Technology Change in Schools (3)
- **Online**
  - GO2 [83183] 9040

#### EDTC 645 Integration of Technology: Global Perspectives (3)
- **Online**
  - GO2 [83184] 9040

#### EDTC 650 Teaching and Learning in K–12 Virtual Schools (3)
- **Online**
  - GO2 [83185] 9040

#### EDTC 670 Integrative Capstone Project (3)
- **Online**
  - GO2 [83186] 9040

### EDTP

#### EDTP 600 Foundations of Teaching for Learning (6)
- **Online**
  - GO2 [85150] 9040

#### EDTP 635 Adolescent Development and Learning Needs (6)
- **Online**
  - GO2 [83188] 9040

#### EDTP 639 Reading and Multiple Literacies (6)
- **Online**
  - GO2 [83171] 9040

#### EDTP 645 Subject Methods and Assessment (6)
- **Online**
  - GO2 [83190] 9040

#### EDTP 650 Professional Internship and Seminar (6)
- **Online**
  - FTS [84576] 9040
  - Class meets August 19–December 15.

### EMAN

#### EMAN 600 Comprehensive Crisis and Emergency Management (3)
- **Online**
  - GO2 [82812] 9040

#### EMAN 610 Hazard Risk and Vulnerability Assessment (3)
- **Online**
  - GO2 [82813] 9040

#### EMAN 620 Information Technology in Emergency Management (3)
- **Online**
  - GO2 [83206] 9040

#### EMAN 630 Crisis Communication for Emergency Managers (3)
- **Online**
  - GO2 [83207] 9040

#### EMAN 670 Seminar in Emergency Management Leadership (3)
- **Online**
  - GO2 [83208] 9040

---

Course descriptions may be accessed via the online schedule at www.umuc.edu/schedule.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>CRN</th>
<th>Credits</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVM 641</td>
<td>Environmental Auditing (3)</td>
<td>82929</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>ENVM 643</td>
<td>Environmental Communications and Reporting (3)</td>
<td>82931</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>ENVM 644</td>
<td>New Technologies in Environmental Management (3)</td>
<td>82940</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>ENVM 646</td>
<td>Environmental/Energy Law and Policy Development (3)</td>
<td>82933</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>ENVM 647</td>
<td>Environmental Risk Assessment (3)</td>
<td>82935</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>ENVM 648</td>
<td>Fundamentals of Environmental Systems (3)</td>
<td>82937</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>ENVM 649</td>
<td>Principles of Waste Management and Pollution Control (3)</td>
<td>82939</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>ENVM 650</td>
<td>Land and Water Resource Management (3)</td>
<td>82941</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>ENVM 651</td>
<td>Watershed Planning Management (3)</td>
<td>82942</td>
<td>0.44</td>
<td>Online</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>CRN</th>
<th>Credits</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVM 652</td>
<td>Principles of Air Quality Management (3)</td>
<td>82944</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>ENVM 653</td>
<td>Land Use Management (3)</td>
<td>82946</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>ENVM 670</td>
<td>Seminar in Environmental Management (3)</td>
<td>82948</td>
<td>0.44</td>
<td>Online</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>CRN</th>
<th>Credits</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 610</td>
<td>Financial Management in Organizations (3)</td>
<td>83030</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>FIN 615</td>
<td>Financial Analysis and Modeling (3)</td>
<td>83031</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>FIN 620</td>
<td>Long-Term Financial Management (3)</td>
<td>83033</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>FIN 630</td>
<td>Investment Valuation (3)</td>
<td>83035</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>FIN 640</td>
<td>Multinational Financial Management (3)</td>
<td>83037</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>FIN 645</td>
<td>Behavioral Finance (3)</td>
<td>83039</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>FIN 660</td>
<td>Strategic Financial Management (3)</td>
<td>83040</td>
<td>0.44</td>
<td>Online</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>CRN</th>
<th>Credits</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAIN 650</td>
<td>Research Methods for Health Care Managers (3)</td>
<td>82654</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>HAIN 655</td>
<td>Health Data Management (3)</td>
<td>83051</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>HAIN 661</td>
<td>The Application of Information Technology in Health Care Administration (3)</td>
<td>83052</td>
<td>0.44</td>
<td>Online</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>CRN</th>
<th>Credits</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCAD 600</td>
<td>Introduction to Health Care Administration (3)</td>
<td>82618</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>HCAD 610</td>
<td>Information Technology for Health Care Administration (3)</td>
<td>83055</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>HCAD 620</td>
<td>The U.S. Health Care System (3)</td>
<td>83058</td>
<td>0.44</td>
<td>Online</td>
</tr>
<tr>
<td>HCAD 630</td>
<td>Public Health Administration (3)</td>
<td>83068</td>
<td>0.44</td>
<td>Online</td>
</tr>
</tbody>
</table>

**Hybrid courses are offered with approximately every other session on-site and the remaining sessions online.**

Course descriptions may be accessed via the online schedule at www.umuc.edu/schedule.
### COURSE SCHEDULE

**HCAD 640 Financial Management for Health Care Organizations (3)**
- **Online**
  - G2 (83065) 9040

**HCAD 650 Legal Aspects of Health Care Administration (3)**
- **Online**
  - G2 (83060) 9040

**HCAD 660 Health Care Institutional Organization and Management (3)**
- **Online**
  - G2 (83062) 9040

**HCAD 670 Health Care Administration Capstone (3)**
- **Online**
  - G2 (83064) 9040

**HRMD**

**HRMD 610 Issues and Practices in Human Resource Management (3)**
- **Online**
  - G2 (83081) 9040

**College Park**
- **USS (83566)** 1121 Tu 7–10 p.m.

**HRMD 620 Employee and Labor Relations (3)**
- **Online**
  - G2 (83079) 9040

**HRMD 630 Recruitment and Selection (3)**
- **Online**
  - G2 (83088) 9040

**HRMD 640 Job Analysis, Assessment, and Compensation (3)**
- **Online**
  - G2 (83084) 9040

**HRMD 650 Organizational Development and Change (3)**
- **Online**
  - G2 (83086) 9040

**HRMD 651 Current Perspectives in Training and Development (3)**
- **Online**
  - G2 (83087) 9040

**HRMD 665 Managing Virtual and Global Teams (3)**
- **Online**
  - G2 (83097) 9040

**HSMN**

**HSMN 610 Concepts in Homeland Security (3)**
- **Online**
  - G2 (82816) 9040

**HSMN 625 Critical Infrastructures (3)**
- **Online**
  - G2 (83209) 9040

**HSMN 630 Resilience Planning and Preparedness for Disaster Response and Recovery (3)**
- **Online**
  - G2 (82819) 9040

**HSMN 640 Energy Infrastructure Security (3)**
- **Online**
  - G2 (82814) 9040

**HSMN 670 Seminar in Homeland Security (3)**
- **Online**
  - G2 (82822) 9040

**IMAN**

**IMAN 601 Strategic Management in a Global Environment (3)**
- **Online**
  - G2 (83103) 9040

**IMAN 615 Strategic Investment and Partnering (3)**
- **Online**
  - G2 (83106) 9040

**IMAN 625 International Trade and Economic Policy (3)**
- **Online**
  - G2 (83104) 9040

**IMAN 635 Managing Country Risk (3)**
- **Online**
  - G2 (83107) 9040

**IMAN 670 Managing Overseas Operations (3)**
- **Online**
  - G2 (83105) 9040

**IMAT**

**IMAT 637 IT Acquisitions Management (3)**
- **Online**
  - G2 (82824) 9040

**IMAT 639 Internet Multimedia Applications (3)**
- **Online**
  - G2 (82827) 9040

**IMAT 670 Contemporary Topics in Informatics (3)**
- **Online**
  - G2 (82829) 9040

**INFA**

**INFA 610 Foundations of Information Security and Assurance (3)**
- **Online**
  - G2 (82804) 9020
  - G2 (82701) 9040
  - G2 (83305) 9080

**College Park**
- **USS (83544)** 1141 Th 7–10 p.m.

**INFA 620 Network and Internet Security (3)**
- **Online**
  - G2 (82761) 9040

**INFA 630 Intrusion Detection and Intrusion Prevention (3)**
- **Online**
  - G2 (82766) 9040
  - **Largo**
    - **USS (83545)** 6231 W 7–10 p.m.

**INFA 640 Cryptology and Data Protection (3)**
- **Online**
  - G2 (82713) 9040

**College Park**
- **USS (85149)** 1112 M 7–10 p.m.

**INFA 650 Computer Forensics (3)**
- **Online**
  - G2 (82704) 9040

---

Course descriptions may be accessed via the online schedule at www.umuc.edu/schedule.
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Code</th>
<th>Start Time</th>
<th>Credits</th>
<th>Days and Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INFA 660 Security Policy, Ethics, and the Legal Environment (3)</strong></td>
<td>G02</td>
<td>9040</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>College Park</strong></td>
<td>USS</td>
<td>(83548)</td>
<td>1141</td>
<td>Th 7–10 p.m.</td>
</tr>
<tr>
<td><strong>INFA 670 Information Assurance Capstone (3)</strong></td>
<td>G02</td>
<td>(82779)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>INMS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>INMS 660 Managing Intelligence Activities (3)</strong></td>
<td>G02</td>
<td>(83110)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>INMS 610 Intelligence Collection: Sources and Challenges (3)</strong></td>
<td>G02</td>
<td>(83111)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>INMS 620 Intelligence Analysis: Consumers, Uses, and Issues (3)</strong></td>
<td>G02</td>
<td>(83112)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>INMS 630 Espionage and Counterintelligence (3)</strong></td>
<td>G02</td>
<td>(83113)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>INMS 640 Intelligence Led Enforcement (3)</strong></td>
<td>G02</td>
<td>(83114)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>INMS 650 Intelligence Management and Oversight (3)</strong></td>
<td>G02</td>
<td>(83144)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>INMS 660 Leadership Seminar (3)</strong></td>
<td>G02</td>
<td>(83145)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>ISAS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ISAS 600 Information Systems for Managers (3)</strong></td>
<td>G02</td>
<td>(82830)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>Online</strong></td>
<td>G03</td>
<td>(83379)</td>
<td>9080</td>
<td></td>
</tr>
<tr>
<td><strong>ISAS 610 Information Systems Management and Integration (3)</strong></td>
<td>G02</td>
<td>(82833)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>Online</strong></td>
<td>G03</td>
<td>(83379)</td>
<td>9080</td>
<td></td>
</tr>
<tr>
<td><strong>ISAS 620 Information Systems Sourcing Management (3)</strong></td>
<td>G02</td>
<td>(82836)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>Online</strong></td>
<td>G02</td>
<td>(82838)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>ISAS 630 Systems Analysis and Design (3)</strong></td>
<td>G02</td>
<td>(82840)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>ISAS 640 Decision Support Systems and Expert Systems (3)</strong></td>
<td>G02</td>
<td>(82841)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>ISAS 650 Information Technology, the CIO, and Organizational Transformation (3)</strong></td>
<td>G02</td>
<td>(82841)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>ITEC</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ITEC 610 Information Technology Foundations (3)</strong></td>
<td>G01</td>
<td>(82606)</td>
<td>9020</td>
<td></td>
</tr>
<tr>
<td><strong>Online</strong></td>
<td>G02</td>
<td>(82682)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>Online</strong></td>
<td>G03</td>
<td>(83352)</td>
<td>9080</td>
<td></td>
</tr>
<tr>
<td><strong>College Park</strong></td>
<td>USS</td>
<td>(83560)</td>
<td>1121</td>
<td>Tu 7–10 p.m.</td>
</tr>
<tr>
<td><strong>Dorsey Station</strong></td>
<td>USS</td>
<td>(83563)</td>
<td>7631</td>
<td>W 7–10 p.m.</td>
</tr>
<tr>
<td><strong>Shady Grove</strong></td>
<td>USS</td>
<td>(83562)</td>
<td>5111</td>
<td>M 7–10 p.m.</td>
</tr>
<tr>
<td><strong>ITEC 620 Information Technology Infrastructure (3)</strong></td>
<td>G02</td>
<td>(82847)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>Online</strong></td>
<td>G03</td>
<td>(83398)</td>
<td>9080</td>
<td></td>
</tr>
<tr>
<td><strong>College Park</strong></td>
<td>USS</td>
<td>(83557)</td>
<td>1131</td>
<td>W 7–10 p.m.</td>
</tr>
<tr>
<td><strong>USM 640 Information Technology Project Management (3)</strong></td>
<td>G02</td>
<td>(82846)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>Online</strong></td>
<td>G03</td>
<td>(83364)</td>
<td>9080</td>
<td></td>
</tr>
<tr>
<td><strong>MGMT</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MGMT 610 Organizational Theory (3)</strong></td>
<td>G01</td>
<td>(82611)</td>
<td>9020</td>
<td></td>
</tr>
<tr>
<td><strong>Online</strong></td>
<td>G02</td>
<td>(82997)</td>
<td>9040</td>
<td></td>
</tr>
<tr>
<td><strong>Online</strong></td>
<td>G03</td>
<td>(83319)</td>
<td>9080</td>
<td></td>
</tr>
<tr>
<td><strong>Aberdeen Hybrid</strong></td>
<td>USS</td>
<td>(84652)</td>
<td>7011</td>
<td>M 7–10 p.m.</td>
</tr>
<tr>
<td><strong>Adelphi Hybrid</strong></td>
<td>USS</td>
<td>(83569)</td>
<td>1111</td>
<td>M 7–10 p.m.</td>
</tr>
<tr>
<td><strong>USM 640 Information Technology Project Management (3)</strong></td>
<td>G02</td>
<td>(83570)</td>
<td>1121</td>
<td>Tu 7–10 p.m.</td>
</tr>
<tr>
<td><strong>Online</strong></td>
<td>G03</td>
<td>(83572)</td>
<td>1141</td>
<td>Th 7–10 p.m.</td>
</tr>
<tr>
<td><strong>Shady Grove Hybrid</strong></td>
<td>USS</td>
<td>(83573)</td>
<td>5141</td>
<td>Th 7–10 p.m.</td>
</tr>
</tbody>
</table>

* Hybrid courses are offered with approximately every other session on-site and the remaining sessions online.

Course descriptions may be accessed via the online schedule at www.umuc.edu/schedule.
### COURSE SCHEDULE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Session</th>
<th>Term</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 615</td>
<td>Intercultural Communication and Leadership (3)</td>
<td>Online</td>
<td>G01</td>
<td>9020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G03</td>
<td>9080</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>College Park Hybrid</td>
<td>USS</td>
<td>1111 M</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USS</td>
<td>1121 Tu</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USS</td>
<td>1131 W</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGMT 630</td>
<td>Organizational Theory and Behavior (6)</td>
<td>Online</td>
<td>G01</td>
<td>9020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G03</td>
<td>9080</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>College Park Hybrid</td>
<td>USS</td>
<td>1111 M</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USS</td>
<td>1131 W</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shady Grove Hybrid</td>
<td></td>
<td>USS</td>
<td>1121 Tu</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGMT 640</td>
<td>Financial Decision Making for Managers (3)</td>
<td>Online</td>
<td>G01</td>
<td>9020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G03</td>
<td>9080</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>College Park Hybrid</td>
<td>USS</td>
<td>1111 M</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USS</td>
<td>1121 Tu</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shady Grove Hybrid</td>
<td></td>
<td>USS</td>
<td>1131 W</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGMT 650</td>
<td>Statistics for Managerial Decision Making (3)</td>
<td>Online</td>
<td>G01</td>
<td>9020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G03</td>
<td>9080</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>College Park Hybrid</td>
<td>USS</td>
<td>1111 M</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USS</td>
<td>1121 Tu</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USS</td>
<td>1131 W</td>
<td>7–10 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRKT 605</td>
<td>International Marketing Management (3)</td>
<td>Online</td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRKT 606</td>
<td>Integrated Direct Marketing (3)</td>
<td>Online</td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRKT 620</td>
<td>Marketing Principles, Regulation, and Ethical Issues (6)</td>
<td>Online</td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSAS</td>
<td>MSAS 670 Accounting and Financial Management Capstone (3)</td>
<td>Online</td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSFS</td>
<td>MSFS 670 Financial Management and Information Systems Capstone (3)</td>
<td>Online</td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPMN</td>
<td>NPMN 600 Nonprofit and Association Organizations and Issues (3)</td>
<td>Online</td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPMN 610</td>
<td>Nonprofit and Association Law and Governance (3)</td>
<td>Online</td>
<td>G02</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Hybrid courses are offered with approximately every other session on-site and the remaining sessions online.

Course descriptions may be accessed via the online schedule at www.umuc.edu/schedule.
NPMN 620 Nonprofit and Association Financial Management (3)

Online
G02  (83001)  9040

NPMN 640 Marketing, Development, and Public Relations in Nonprofit Organizations and Associations (3)

Online
G02  (83002)  9040

NPMN 650 Fundamentals of Association Management (3)

Online
G02  (83003)  9040

NPMN 655 Process and Outcome Evaluation for Nonprofit Organizations (3)

Online
G02  (83004)  9040

NPMN 660 Strategic Management in Nonprofit Organizations and Associations (3)

Online
G02  (83005)  9040

OMDE

OMDE 601 Foundations of Distance Education and E-Learning (3)

Online
G02  (83192)  9040

OMDE 603 Technology in Distance Education and E-Learning (3)

Online
G02  (83194)  9040

OMDE 606 Costs and Economics of Distance Education and E-Learning (3)

Online
G02  (83196)  9040

OMDE 608 Learner Support in Distance Education and Training (3)

Online
G02  (83197)  9040

OMDE 610 Teaching and Learning in Online Distance Education (3)

Online
G02  (83198)  9040

OMDE 670 Portfolio and Research Project in Distance Education and E-Learning (3)

Online
G02  (83199)  9040

PMAN

PMAN 600 Project Management: Foundations and Advanced Methods (6) □

Online
G02  (82869)  9040

PMAN 634 Foundations of Project Management (3) □

Online
G02  (82872)  9040
G03  (83367)  9080

Dorsey Station
USS  (83592)  7621  Tu  6:30–9:30 p.m.

Shady Grove
USS  (83533)  5111  M  7–10 p.m.

PMAN 635 Advanced Project Methods (3)

Online
G02  (82396)  9040

PMAN 637 Project Risk Management (3)

Online
G02  (82277)  9040
G03  (83371)  9080

Shady Grove
USS  (83554)  5161  Sa  9 a.m.–12 noon

PMAN 638 Project Communications Management (3)

Online
G02  (82677)  9040
G03  (83374)  9080

PMAN 639 Project Quality Management (3)

Online
G02  (82883)  9040
G03  (83375)  9080

PMAN 641 Project Procurement Management (3)

Online
G02  (82888)  9040

PMAN 650 Financial and Strategic Management of Projects (3)

Online
G02  (82892)  9040
G03  (83383)  9080

PRPA

PRPA 600 Public Relations Writing (3)

Online
G02  (84476)  9040

PRPA 601 Public Relations Theory and Practice (3)

Online
G02  (83134)  9040

PRPA 602 Public Relations Techniques (3)

Online
G02  (83135)  9040

PRPA 610 Crisis Communication Management (3)

Online
G02  (83136)  9040

PRPA 620 Global Public Relations (3)

Online
G02  (83137)  9040

PRPA 650 Public Relations Campaigns (3)

Online
G02  (83138)  9040

SWEN

SWEN 603 Systems Engineering (3)

Online
G02  (82899)  9040
G03  (83295)  9080

SWEN 645 System and Software Standards and Requirements (3)

Online
G02  (82901)  9040

SWEN 646 Software Design and Implementation (3)

Online
G02  (82903)  9040

Use of a PC required.

Course descriptions may be accessed via the online schedule at www.umuc.edu/schedule.
# COURSE SCHEDULE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Delivery Method</th>
<th>Section Code</th>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWEN 647</td>
<td>Software Verification and Validation (3)</td>
<td>Online</td>
<td>G02 (82904)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SWEN 648</td>
<td>Software Maintenance (3)</td>
<td>Online</td>
<td>G02 (82905)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SWEN 651</td>
<td>Usability Engineering (3)</td>
<td>Online</td>
<td>G02 (82906)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SWEN 670</td>
<td>Software Engineering Project (3)</td>
<td>Online</td>
<td>G02 (82907)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLMN 602</td>
<td>Telecommunications Industry: Structure and Environment (3)</td>
<td>Online</td>
<td>G02 (82923)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLMN 623</td>
<td>Telecommunications Networks (3)</td>
<td>Online</td>
<td>G02 (82924)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLMN 630</td>
<td>Satellite Communication Systems (3)</td>
<td>Online</td>
<td>G02 (82925)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLMN 641</td>
<td>Network Management and Design (3)</td>
<td>Online</td>
<td>G02 (82926)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLMN 645</td>
<td>Wireless Telecommunications Systems (3)</td>
<td>Online</td>
<td>G02 (82927)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLMN 670</td>
<td>Capstone Course in Telecommunications (3)</td>
<td>Online</td>
<td>G02 (82928)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TMAN 600</td>
<td>Foundations of Management and Technology (6)</td>
<td>Online</td>
<td>G01 (82610)</td>
<td>9020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G02 (82680)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TMAN 611</td>
<td>Principles of Technology Management (3)</td>
<td>Online</td>
<td>G02 (82908)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G03 (83380)</td>
<td>9080</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TMAN 614</td>
<td>Strategic Management of Technology and Innovation (3)</td>
<td>Online</td>
<td>G02 (82909)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TMAN 625</td>
<td>Economics and Financial Analysis for Technology Managers (3)</td>
<td>Online</td>
<td>G02 (82911)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G03 (83377)</td>
<td>9080</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TMAN 632</td>
<td>Organizational Performance Management (3)</td>
<td>Online</td>
<td>G02 (82918)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TMAN 633</td>
<td>Managing People in Technology-Based Organizations (3)</td>
<td>Online</td>
<td>G02 (82920)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TMAN 680</td>
<td>Managing Strategy and Performance in Technology-Based Organizations (6)</td>
<td>Online</td>
<td>G02 (82922)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UCSP 615</td>
<td>Orientation to Graduate Studies at UMUC (0)</td>
<td>Online</td>
<td>GU1 (83643)</td>
<td>9001</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GU2 (83685)</td>
<td>9030</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GU3 (83684)</td>
<td>9050</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GU4 (83700)</td>
<td>9070</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UCSP 615A</td>
<td>Orientation to Graduate Studies at UMUC (0)</td>
<td>Online</td>
<td>MU1 (83713)</td>
<td>9050</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Class meets October 2–November 6.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UCSP 815</td>
<td>Introduction to Library Research Skills for Doctoral Studies (0)</td>
<td>Online</td>
<td>UDM (83744)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Class meets September 9–October 13.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UCSP 620</td>
<td>Financial Accounting (0)</td>
<td>Online</td>
<td>FTS (83638)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Class meets September 9–November 3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UCSP 621</td>
<td>Economics (0)</td>
<td>Online</td>
<td>FTS (83640)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Class meets September 9–November 3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UCSP 630</td>
<td>Introduction to Research Methods (0)</td>
<td>Online</td>
<td>FTS (83641)</td>
<td>9040</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Class meets September 9–November 3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Hybrid courses are offered with approximately every other session on-site and the remaining sessions online.

Course descriptions may be accessed via the online schedule at www.umuc.edu/schedule.
CONTACT INFORMATION

Looking for answers or assistance? UMUC personnel can help you keep your studies on track—whether you need to find the right course for your program or you want to use academic or student services. The people and offices you need to reach are listed below.

University of Maryland University College
The Graduate School
3501 University Boulevard East
Adelphi, MD 20783
800-888-UMUC (8682) or 240-684-2400

Graduate School Personnel

Administration

VICE PROVOST AND DEAN
Aric Krause, PhD
aric.krause@umuc.edu

ASSOCIATE DEANS
John O. Aje, DSc
john.aje@umuc.edu
Michael Evanchik, PhD
michael.evanchik@umuc.edu

ASSISTANT DEANS
Betsy Alperin
betsy.alperin@umuc.edu
Alexis Hill White
alexis.white@umuc.edu
Jennifer Thompson
jen.thompson@umuc.edu

ORKAND ENDOWED CHAIR OF MANAGEMENT AND TECHNOLOGY
Jay Liebowitz, DSc
jay.liebowitz@umuc.edu

DIRECTOR, LEARNING OUTCOMES ASSESSMENT
Yan Cooksey
yan.cooksey@umuc.edu

DIRECTOR, STUDENT RELATIONS
Laurie Hulcher
laurie.hulcher@umuc.edu

Program Staff

BUSINESS AND EXECUTIVE PROGRAMS

CHAIR
Robert Goodwin, JD
robert.goodwin@umuc.edu

ASSOCIATE CHAIRS
Rosemary Hartigan, JD
rosemary.hartigan@umuc.edu
Anna Seferian, PhD
anna.seferian@umuc.edu

EXECUTIVE DIRECTOR, INSTITUTE FOR GLOBAL MANAGEMENT
Clarence J. Mann, JD
clarence.mann@umuc.edu

EXECUTIVE DIRECTOR, DOCTORAL PROGRAMS
Bryan Booth, PhD
bryan.booth@umuc.edu

PROGRAM DIRECTORS, DOCTORAL PROGRAMS
Leslie Dinauer, PhD
leslie.dinauer@umuc.edu
James Gelatt, PhD
james.gelatt@umuc.edu
Ronald Head, PhD
ronald.head@umuc.edu
Pat Keir, EdD
pat.keir@umuc.edu
Thomas Mierzwa, DPA
thomas.mierzwa@umuc.edu
Claudine SchWeber, PhD
claudine.schweber@umuc.edu

PROGRAM DIRECTOR, CIO CERTIFICATE PROGRAM
Steve Knode, PhD
steve.knode@umuc.edu

PROGRAM DIRECTORS, MASTER OF BUSINESS ADMINISTRATION
Anita Baker, PhD
anita.baker@umuc.edu
Christina Hannah, PhD
christina.hannah@umuc.edu
John “Lex” Livingstone, PhD
john.livingstone@umuc.edu
Charles Newman, PhD
charles.newman@umuc.edu
Sandeep Patnaik, PhD
sandeep.patnaik@umuc.edu
Richard A. Pauli, JD
richard.pauli@umuc.edu
Monica Sava, PhD
monica.sava@umuc.edu
Mary Ann Spilman, PhD
maryannspilman@umuc.edu
James Stewart, DSc
james.stewart@umuc.edu

CYBERSECURITY AND INFORMATION ASSURANCE

CHAIR
Alan Carswell, PhD
alan.carswell@umuc.edu

ASSOCIATE CHAIR
Amjad Ali, PhD
amjad.ali@umuc.edu
CONTACT INFORMATION

PROGRAM DIRECTORS, MASTER OF SCIENCE IN CYBERSECURITY
Rosemary K. Shumba, PhD
rose.shumba@umuc.edu
Ping Wang, PhD
ping.wang@umuc.edu

PROGRAM DIRECTOR, MASTER OF SCIENCE IN CYBERSECURITY POLICY
Martin Stytz, PhD
martin.stytz@umuc.edu
Clay Wilson, PhD
clay.wilson@umuc.edu

PROGRAM DIRECTOR, MASTER OF SCIENCE IN DIGITAL FORENSICS AND CYBER INVESTIGATION
Alan Carswell, PhD (Acting)
alan.carswell@umuc.edu

PROGRAM DIRECTOR, MASTER OF SCIENCE IN INFORMATION TECHNOLOGY
Information Assurance
Balakrishnan Dasarathy, PhD
balakrishnan.dasarathy@umuc.edu

EDUCATION
CHAIR
Virginia H. Pilato, PhD
virginia.pilato@umuc.edu

DIRECTOR, EDUCATION ASSESSMENT
Datta Kaur Khalsa, PhD
dattakaurkhalsa@umuc.edu

DIRECTORS, MASTER OF ARTS IN TEACHING
Certification Programs
Barbara Schwartz-Bechet, PhD
barbara.schwartz-bechet@umuc.edu
MAT Field and Clinical Experiences
Theodore E. Stone, PhD
theo.stone@umuc.edu

ASSISTANT DIRECTOR, MASTER OF ARTS IN TEACHING
MAT Student Success Initiatives
Kristin Kubik
krisitn.kubik@umuc.edu

PROGRAM DIRECTOR, MASTER OF DISTANCE EDUCATION AND E-LEARNING
Stella Porto, DSc
stella.porto@umuc.edu

PROGRAM DIRECTOR, MASTER OF EDUCATION IN INSTRUCTIONAL TECHNOLOGY
Katherine S. Woodward, PhD
katherine.woodward@umuc.edu

INFORMATION AND TECHNOLOGY SYSTEMS
CHAIR
Rana Khan, PhD
rana.khan@umuc.edu
ASSOCIATE CHAIR
Garth MacKenzie, DM
garth.mackenzie@umuc.edu

PROGRAM DIRECTORS, MASTER OF SCIENCE IN BIOTECHNOLOGY
Rana Khan, PhD
rana.khan@umuc.edu
James Coker, PhD
james.coker@umuc.edu

PROGRAM DIRECTOR, MASTER OF SCIENCE IN ENVIRONMENTAL MANAGEMENT
Robert G. Ouellette, PhD
robert.ouellette@umuc.edu

PROGRAM DIRECTORS, MASTER OF SCIENCE IN INFORMATION TECHNOLOGY
Database Systems Technology
Elena Gortcheva, PhD
elena.gortcheva@umuc.edu
Homeland Security Management
Irmak Renda-Tanali, DSc
irmak.renda-tanali@umuc.edu
Informatics
Les Pang, PhD
les.pang@umuc.edu
Project Management
Theresa Marron-Grodsky, PhD
theresa.marron-grodsky@umuc.edu
Moe Shahdad, PhD
moe.shahdad@umuc.edu
Software Engineering
Michael S. Brown, PhD
michael.brown@umuc.edu
Systems Engineering
Garth MacKenzie, DM
garth.mackenzie@umuc.edu
Telecommunications Management
Irena Bojanova, PhD
irena.bojanova@umuc.edu

PROGRAM DIRECTORS, MASTER OF SCIENCE IN TECHNOLOGY MANAGEMENT
Rudy Watson, PhD
rudy.watson@umuc.edu
Emergency Management/ Homeland Security Management
Irmak Renda-Tanali, DSc
irmak.renda-tanali@umuc.edu
Information Systems and Services
Les Pang, PhD
les.pang@umuc.edu
Project Management
Theresa Marron-Grodsky, PhD
theresa.marron-grodsky@umuc.edu
Moe Shahdad, PhD
moe.shahdad@umuc.edu
Systems Engineering
Garth MacKenzie, DM
garth.mackenzie@umuc.edu

MANAGEMENT, ACCOUNTING, AND FINANCE
CHAIR
Alfred S. Raider, LLM
al.raider@umuc.edu
ASSOCIATE CHAIRS
Kathryn Klose, PhD
kathryn.klose@umuc.edu
Diane Bartoo, PhD
diane.bartoo@umuc.edu

PROGRAM DIRECTOR, MASTER OF INTERNATIONAL MANAGEMENT
Robert Jerome, PhD
robert.jerome@umuc.edu
GRADUATE LIBRARY AND WRITING COURSES

ACTING DIRECTOR, GRADUATE ACADEMIC WRITING AND STUDENT SUPPORT
John O. Aje, DSc
john.aje@umuc.edu

COURSE MANAGER, UCSP 515 ORIENTATION TO GRADUATE STUDIES AT UMUC
Julie L. Harding, MLS
julie.harding@umuc.edu

UMUC Graduate Course Locations

Aberdeen Proving Ground
3147 Raritan Avenue
Aberdeen Proving Ground, MD 21005
410-272-8269 or 301-621-9882

Adelphi/College Park
3501 University Boulevard East
Adelphi, MD 20783
800-888-UMUC

Dorsey Station
6865 Deerpath Road
Elkridge, MD 21075
443-459-3500

Largo
1616 McCormick Drive
Largo, MD 20774
800-888-UMUC

Shady Grove
9636 Gudelsky Drive
Rockville, MD 20850
301-738-6090

UMUC at Quantico
525 Corporate Drive
Stafford, VA 22554
703-441-7000

Waldorf Center for Higher Education
3261 Old Washington Road
Waldorf, MD 20602
301-632-2900

For hours and directions, visit
www.umuc.edu/locate.
Registering at UMUC is easy, no matter which option you choose. You may register for your courses online or by phone or fill out the registration form on the following page and follow the instructions below to register by mail or fax.

Detailed information on the various ways to register—online via MyUMUC, by mail or fax, or on-site—can be found online at www.umuc.edu/register.

A form is provided on the following page for those who prefer to mail or fax in their registration. (Please note: Online registrations are processed and confirmed immediately; mail and fax registrations require manual processing.)

You may register by fax or mail if

- You have already been admitted to UMUC as a graduate student.
- You are a new student who meets the UMUC admission criteria and has submitted an Application for Admission (available at https://my.umuc.edu) with the $50 application fee.
- All of your financial aid awards are enclosed or have already been confirmed.

You may not register by fax or mail if you are a financial aid applicant without an award letter or a GSL disclosure statement—unless your own payment accompanies the registration form.

**Instructions**

1. Complete the registration form, using black ink and printing legibly.
2. Compute the amount due for tuition and fees. (Refer to p. 6 of this schedule or see www.umuc.edu/tuition.)
3. Be sure to meet the deadlines listed under Important Dates on p. 2 in this schedule.
4. Either fax your registration to 240-684-2151 or mail it to the Graduate Advising, Office of Enrollment Management, University of Maryland University College, 3501 University Boulevard East, Adelphi, MD 20783-8075 USA. Faxed registrations require that you already be admitted and that you pay by credit card.

UMUC will mail you a statement of your account.

**Schedule Adjustment**

After your registration has been processed, you may make changes online. To do so, access MyUMUC at https://my.umuc.edu.

**Army Students**

To make use of military tuition assistance, Army students must register online via www.GoArmyEd.com. For more information, contact your advisor.

**Withdrawals or Dropped Courses**

Official withdrawal from a class must occur before 65 percent of the class has been completed. Exact deadlines are provided online at www.umuc.edu/withdrawals. For information on how to withdraw from a class, visit www.umuc.edu/register.

*Please note:* UMUC can honor only withdrawal requests actually received. Failure to withdraw in the required manner may result in the forfeiture of any refund and may result in a failing grade.

Stopping payment on checks for registration fees or not paying at registration does not constitute an official withdrawal or relieve you of your financial obligation to UMUC. Never attending or ceasing to attend classes does not constitute a withdrawal.

**Other Forms**

The following forms can be completed and submitted online through MyUMUC (https://my.umuc.edu).

If you are not yet enrolled at UMUC, click on the Prospective Student tab at the top of the page.

- Application for Admission
- Financial Aid: FAFSA
- Registration
- Application for Diploma
**University of Maryland University College**

**The Graduate School**

**MAIL OR FAX REGISTRATION FORM**

### Census Information

Census information will be kept confidential and will be used only for statistical purposes.

1. **Maryland county of residence**
   
   **Note:** If not a resident of Maryland, write **NA**, if Baltimore City write **Bah. City**

2. **Date of birth** ____________ **sex**

3. **Social security number** ____________ **other identification number**

4. **If not a US citizen or national, indicate your immigration status**

5. **Student identification number (EMPLID)**

6. **Last name**

7. **First name**

8. **Middle initial**

9. **Last address**

10. **City**

11. **State**

12. **Zip code**

### Present Address

13. **City**

14. **State**

15. **Zip code**

16. **Present address**

17. **Current e-mail address**

18. **Today’s date**

### Form of Payment

**Note:** To compute your cost, refer to p. 6 of this schedule or go to [www.umuc.edu/tuition](http://www.umuc.edu/tuition) on the Web. Please check all that apply.

- **Financial aid**
- **Interest-free, monthly tuition-payment plan** (See p. 7 of the Schedule for information.)
- **Tuition assistance or remission of fees** (Be sure to enclose your tuition assistance or remission-of-fees form.)
- **VA Vocational Rehabilitation (Chapter 31) Assistance**
- **Check or money order** (Be sure to write your student identification number on the check. Make the check payable to University of Maryland University College.)
- **Credit card** (Please provide information below.)
  - American Express
  - Discover
  - MasterCard
  - Visa

19. **Account number**

20. **Expiration date**

21. **Signature**

22. **Name (please print)**

I understand that I am responsible for and agree to pay all charges I incur at UMUC and that if I withdraw, I must do so in accordance with the policies and procedures for the term in which I am enrolling. I understand that if my account becomes delinquent, I will be liable for collection costs.

I also understand and agree that if I enroll in classes offered at military sites, my name, Social Security number, and other information may be released for security purposes.

23. **Signature**

24. **Date**

Enlist this form with payment by mail or fax to 240-684-2151 by registration deadline.
POLICY STATEMENT
This publication and its provisions do not constitute, and should not be regarded as, a contract between UMUC and any party or parties. At the time of publication, reasonable effort was made to ensure the factual accuracy of the information. However, this publication is not a complete statement of all policies, procedures, rules, regulations, academic requirements, and tuition and fees applicable to UMUC, its students, or its programs. In addition, changes or additions may be made to the policies, procedures, rules, regulations, and academic requirements set out in this publication. UMUC reserves the right to make these changes and additions to the information in this publication without prior notice. When a curriculum or graduation requirement is changed, it is not made retroactive unless the change is to the student’s advantage and can be accommodated within the span of years normally required for graduation.

ANNUAL INFORMATION REPORT
UMUC is committed to assisting all members of the UMUC community in providing for their own safety and security. UMUC provides this Annual Information Report to current and prospective students, faculty, and staff pursuant to U.S. Department of Education regulations. The report is organized into five sections: campus crime and security, notification of rights under FERPA for postsecondary institutions, drug prevention program, campus law enforcement, and peer-to-peer notification. It is available on the Office of Legal and Government Affairs Web page at www.umuc.edu/legal/annualinfreport.cfm. If you have any questions or if you would like to request a printed copy of the report, please contact Security at 301-985-7371.

NONDISCRIMINATION
UMUC is committed to ensuring that all individuals have equal access to programs, facilities, admission, and employment without regard to personal characteristics not related to ability, performance, or qualifications as determined by UMUC and/or University System of Maryland policy or by federal, state, or local authorities, in accordance with UMUC Policy 040.30 Policy and Procedures on Affirmative Action, Equal Opportunity, and Sexual Harassment (www.umuc.edu/policies/adminpolicies/admin04030.cfm). UMUC prohibits discrimination or harassment of any individual due to race, religion, color, creed, gender, gender identity or expression, marital status, age, national origin, ancestry, political affiliation, mental or physical disability, sexual orientation, or veteran status (including Vietnam-era veterans). All inquiries regarding UMUC’s Nondiscrimination Statement or compliance with applicable statutes and regulations should be directed to the director of Diversity Initiatives, Office of the President, UMUC, 3501 University Boulevard East, Adelphi, MD 20783-8000 (phone 301-985-7940 or e-mail diversity-initiatives@umuc.edu).

ACCREDITATION
University of Maryland University College is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104 (267-284-5000), one of the six regional accrediting agencies recognized by the U.S. Department of Education. UMUC is governed by the University System of Maryland Board of Regents and certified by the State Council of Higher Education for Virginia.

UMUC is a constituent institution of the University System of Maryland.
ACADEMIC CALENDAR

FALL 2013

Standard
Online session 1
Online session 2
Online session 3
Doctoral session
MBA/Executive session
CMBA session 1
CMBA session 2
CMBA session 3
CMBA practicum

September 9–December 1
August 26–November 17
September 9–December 1
September 23–December 15
September 9–December 9
October 2–December 10
August 19–September 22
September 30–November 3
November 11–December 15
September 30–December 15

Questions?
Contact an advisor
at 800-888-UMUC (8682)
or gradinfo@umuc.edu.

University of Maryland University College
The Graduate School
3501 University Boulevard East
Adelphi, MD 20783-8030 USA

Using forest-friendly papers during the production of this catalog saved:

NET ENERGY: 2,000,000 BTUs
GREENHOUSE GASES: 323 LBS CO2
WASTEWATER: 1,753 GALLONS
SOLID WASTE: 117 LBS

Estimates were made using the Environmental Defense Fund Paper Calculator.
For more information, visit www.papercalculator.org.