2019 202 0 CATALOG

THE UNDERGRADUATE SCHOOL

UNIVERSITY
GLOBAL CAMPU
Fo rly UMUC

UMGC.EDU

The University Made for You

I am pleased to welcome you to
The Under10 <Dlgroaduate School ofUndiversitynTofUMar yland Global Campus (formerlyTndiv

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Welcome to UMGC

MADE FOR YOU

From its founding in 1947, University of Maryland Global Campus (UMGC) was designed to meet the educational needs of adult students like you—students who must balance study with the demands of work and family life.

Since then, the university has grown to be the largest public university in the nation, serving students throughout the state, the country, and the world. And although its name has changed more than once over the decades—from the College of Special and Continuation Studies to University College, from UMUC to UMGC, the university's focus on providing open access to high-quality educational programs and services—eliminating the barriers that can keep you from achieving your educational goals—remains unchanged.

CARRYING OUT THE MISSION

Students First
At UMGC, your success as a student is of paramount importance. The university seeks not only to help you fulfill your current educational goals but also to create an educational partnership that will last throughout your life.

To that end, the university looks for ways to ensure that you can easily access programs and services. Admission policies are designed to simplify the process (standardized tests are not generally required), making it possible for you to apply and register for most programs at the same time.

As a global university, UMGC makes it possible for you to take classes any time, any place, any way—choosing from a large selection of online programs—in addition to classes at sites throughout Maryland and the Washington, D.C., metropolitan area and at military sites all over the world. You can also access student services online and by phone, as well as on-site at many locations.

Convenience and Reputation are the only concerns, however. UMGC seeks to create a learning environment that is respectful of diverse backgrounds, inclusive, responsive, and relevant.

Recognizing that financial concerns often present the biggest obstacle to higher education, UMGC also strives to keep tuition costs low and provides numerous financial aid opportunities, including scholarships for military and community college students.

Excellence
A regionally accredited university, UMGC is dedicated to providing the highest quality programs and services and ensuring excellence in its online and on-site classes.

In providing these programs, UMGC relies on a renowned faculty of scholar-practitioners—teachers who bring real world expertise as well as advanced academic credentials to your courses—and the use of the latest technologies. UMGC also is able to provide you with a wealth of resources because of its place within the University System of Maryland.

The success of UMGC's efforts over the years is evident. UMGC has garnered awards from such notable organizations as the Sloan Council, E-C Council, University Professional and Continuing Education Association, Online Learning Consortium (formerly the Sloan Consortium), and Maryland Distance Learning Association.

Innovation
UMGC has always looked for new and better ways to serve students. Long before the online revolution, the university was delivering courses to students at a distance, using any and all available technologies—from interactive television to voice mail. Today, you can access both courses and services online, using the university's learning management system and MyUMGC, its online gateway to services and information. Through its Center for Innovation in Learning and Student Success, UMGC leads the search for new and innovative best practices for online learning.

FACILITIES AND PROGRAMS

UMGC offers degrees from the associate level to the doctorate. Most undergraduate and graduate programs are available online. These academic programs are administered by The Undergraduate School and The Graduate School.

The university's administrative headquarters are located in Adelphi, Maryland, and also serve as home to a prestigious art collection and a conference facility, the College Park Marriott Hotel & Conference Center at UMGC. Both The Undergraduate School and The Graduate School, as well as all related academic support units, are housed at the Academic Center at Largo.

FOR ASSISTANCE

Contact us by e-mail at studentsfirst@umuc.edu or by phone at 800-888-8682.

The Undergraduate School

The mission of The Undergraduate School at UMGC is to provide open access to quality undergraduate educational opportunities to individuals around the world, including residents of the state of Maryland, members of the U.S. Armed Services, and national and international students pursuing a university education on-site and online. The university seeks to produce graduates who are well prepared to be responsible citizens in a global society, as well as H•HFWLYH SDUWLFLSDQWV LQ WKH ERRP SOH fast-changing world of work.

The Undergraduate School is committed to meeting your needs for lifelong learning by providing innovative delivery of high-quality educational programs, ensuring substantive and relevant curricula, and UHFRJQL]LQJ WKH YDOXH tial learning. At the undergraduate OHYHO 80*& R•HUV WKH Arts (limited to certain populations, detailed on p. 83), the Bachelor of Arts, the Bachelor of Science, the Bachelor of Science in Nursing, and the Bachelor of Technical and Professional Studies degrees, as well as 4YH XQGHUJUDGXDWH FHUWLILFDWHV

PREPARING CITIZENS FOR THE FUTURE

UMGC strives to prepare you to be H•HFWLYH SURIHVVLRQDOV DQG FLWL]HQV in your organizations, communities, and families. We value the contributions of both a broad-based educaWLRQ DQG VSHFL4F GLVFLSOLQHV WR WKH XQGHUJUDGXDWH H[SHULHQFH SURYLGH FRQWH[W plines to illuminate academic content and analytical approaches in all programs to complement practice.

Instruction and curricula at UMGC are based on the belief that certain abilities are the hallmarks of successful learning. They enable you to demonstrate knowledge and skills not only in your chosen major but also in critical analysis, reasoning, and problem solving; the use of technology; key concepts and principles of the natural, social, DQG EHKDYLRUDO VFLHQFHV H•HFWLYH communication and information literacy; and mathematical and quantitative reasoning. These are the hallmarks of a UMGC undergraduate education, and they are instilled through a broad foundation in general education and integrated into a strong and focused major area of study. Your mastery of these abilities is planned and assessed throughout your program of study.

General education coursework is R ju HF ll through which \RX OHDUQ DERXW GL•HUHQW DFDGHPLF GLVFLSOLQHV DQG how they see the ZRUOG LW LV DOVR KRZ \RX H[SHULHQFH practical applications of foundational skills and concepts and make FRQQHFWLRQV DPRQJ GL•HUHQW DS proaches and applications. UMGC's requirements for general education coursework conform to Maryland requirements and are broadly accommodating of your interests and transfer credit. However, The Undergraduate School recommends VSHFL4F FRXUVHV WR IXO4OO JHQHUDO education requirements you have not already completed. These courses are designed to help you acquire a grounding in the arts, humanities, and sciences by studying and applying the principles of these disciplines through concrete FDVHV DQG H[DPSOHV

For your core studies, you may choose one of 33 majors from a ZLGH YDULHW\ RI DFDGHPLF 4HOGV Academic minors are available in GL•HUHQW DUHDV $OO WKH PDMR 80*& H[SHUWV have been reviewe

R•HUV FUHGLW IRU QHZ OHDUQLQJ, the workplace, and Prior Learning, ZKLFK R•HUV FUHGLW IRU OHDUQLQJ learning acquired through previ- RXV ZRUN RU OLIH H[SHULHQFH also accepts credit from community college coursework and a variety of other sources, including military VHUYLFH DQG FUHGLW E\ H[DPLQDWLRQ (described on pp. 206–208).

UMGC understands the demands of balancing work, family, and VWXG\ DQG UHVSRQGV E\ R•HULQJ undergraduate classes at conve - nient locations and times, including evenings and weekends. Courses are also provided online and in a hybrid format that combines on-site and online delivery, with staggered session dates. The continual growth in undergraduate enrollments at 80*& WHVWL4HV WR WKH LPSRUWDQFH 5H[LELOLW\ DQG VXEVWDQWLYH FRQWHQW RI LWV DFDGHPLF R•HULQJV LQ DOO IRUPDWV

EDUCATIONAL RELATIONSHIPS

UMGC is dedicated to collaboration and cooperation with other Maryland educational institutions, both public and private, and actively seeks relationships with those LQVWLWXWLRQV WR EHQH4W 0DU\ODQG citizens. For more than 70 years, UMGC has proudly served the U.S. military through its educational D]OLDWLRQV LQ (XURSH DQG $VLD 7KH university also reaches out through educational collaborations around the world.

In support of the university's mis- VLRQ WR H[WHQG DFFHVV WR SRVWVHFRQGDU\ opportunities to Maryland's working adult students, UMGC has formed alliances with all 16 Maryland community colleges, enabling students to earn an associate degree at an DOOLHG FRPPXQLW\ FROOHJH DQG 4QLVK a bachelor's degree by completing required coursework at UMGC. 7KH VHDP OHVV WUDQVLWLRQ between community college and UMGC 80* degree programs. Each of the Maryland community colleges is visited regularly by UMGC representatives. In addition, online options, numerous class locations in Maryland and the Washington, D.C., area enable alliance students to complete bachelor's degrees conveniently close to home. Special UMGC scholarships are also available for graduates of Maryland community colleges.

In addition, UMGC has established alliance agreements with more than 70 community colleges across the United States. More information on these alliances is available online at EROOHJHDOOLDQFH.F H

The university has also developed articulated programs with international educational institutions, including Far East Federal University and Irkutsk State University in Russia.

UMGC is a charter member of MarylandOnline, a consortium of Maryland community colleges and universities formed to encourage collaboration among institutions DFURVV 0DU\ODQG DQG WR H[WHQG resources for the development and delivery of online courses.

UMGC also works to develop strong connections with local and national leaders in business and industry, government, and QRQSURILW RUJDQL]DWLRQV DQG LV DQ important partner in the region's economic development.

UMGC has developed customized programs for employers and organizations across the country and values employers' viewpoints. Consistent with its mission of bringing convenient and relevant learning opportunities to the workforce, UMGC has developed strong relationships with many prominent employers in the area and around the country, including Booz Allen Hamilton, GEICO, and ManTech International.

FOR MORE INFORMATION

For more information about UMGC and The Undergraduate School, contact us by phone at 800-888-8682 or by e-mail at studentsfirst @umgc.edu.

(including use of credit and acceptable combinations of majors) apply for double majors. You may not major in two programs ZLWK H[FHVVLYH RYHUODS RI UHTXLUHG FRXUVHZRUN &RQVXOW DQ DGYLsor before selecting a double major.

B. Academic Minor

The academic major requires 30 to 36 credits, while the minor (optional) requires 15 to 18 credits. You must maintain a minimum grade point average of 2.0 (C) and earn a minimum grade of C (2.0) for any course applied to the major or minor.

Half of the credit applied toward any major must be upper level, and at least half of the credit for any major or minor must be taken through UMGC. At least half of the credit applied toward a major or minor must be earned through JUDGHG FRXUVHZRUN $ PD[LPXP RI VL[FUHGLW FRXUVHV PD\ EH DSSOLHG WR D PDMRU RU PLQRU <RX PXVW DOVR IXO4OO DOO RYHUDOO requirements for the bachelor's degree (listed on p. 9).

Majors and minors are described in the following section.

Majors

Most majors are available only for the Bachelor of Arts (BA) or the Bachelor of Science (BS) degree. Only two majors are available for either the Bachelor of Technical and Professional Studies (BTPS) or the BS degree. The major in nursing for registered nurses is available only for the Bachelor of Science in Nursing (BSN). All students with dual majors are awarded the BS degree, regardless of major.

Available for the BA

Communication Studies 19
East Asian Studies 32
English 35
Graphic Communication 45
History 48
Humanities 52

Available for the BS

Accounting 11
Business Administration 17
Computer Networks and Cybersecurity 21
Computer Science 23
Criminal Justice 26
Cybersecurity Management and Policy 28
Digital Media and Web Technology 30
Environmental Management 37
Finance 39
General Studies* 42
Gerontology and Aging Services 43
Health Services Management 46
Homeland Security 50
Human Resource Management 54
Information Systems Management 56
Investigative Forensics 58
Legal Studies 62
Management Studies 63
Marketing 65
Political Science 71
Psychology 73
Public Safety Administration 75
Social Science .....

East Asian Studies 34
Economics 34
Emergency Management 35
English 37
Environmental Management 39
Finance 41
Fire Service Administration 41
Forensics 42
Gerontology and Aging Services 44
Health Services Management 48
History 50
Homeland Security 52
Human Resource Management 55
Information Systems Management 57
Law for Business 61
Marketing 66
Mathematical Sciences 67
Natural Science 67
Personal Financial Planning 70
Philosophy 70
Political Science 72
Psychology 74
Public Safety Administration 76
Small Business Management and Entrepreneurship 77
Sociology 79
Speech Communication 81
Terrorism and Critical Infrastructure 82
Women's Studies 82

Accounting

You may seek either an academic major or minor in accounting.

Major in Accounting

Versatility, stability, earning potential: Gain entrance to a variety of possibilities with a bachelor's degree in accounting.

If you have a way with numbers, you may want to consider earning your bachelor's degree in accounting. No matter what their mission or type of work is, all companies and agencies need DFFRXQWLQJ GHSDUWPHQWV WR NHHS WKHLU an accounting degree, you'll have a wide range of directions to choose from.

This major combines theory and practice to help prepare you to analyze and report on the economic activities of organizations. You'll develop skills in managerial accounting, budgeting, DFFRXQWLQJ V\VWHPV LQWHUQDO FRQWURO UHSRUWLQJ LQWHUQDO DQG H[WHUQDO DXGL national accounting.

What You'll Learn

Through your coursework, you will learn how to

- &RPPXQLFDWH ZLWK 4QDQFLDO DQG QRQ4Q in a clear and concise manner and make appropriate 4QDQFLDO GHFLVLRQV
- 5HVHDUFK SUHSDUH DQDO\]H DQG LQWHUSUHW

Your Coursework in Accounting

The accounting curriculum, developed in consultation with employers, features real-world data sets. Accounting employers often serve as guest speakers and contact UMGC to recruit our students. You'll take courses in statistics, economics, cost

Biology

You may seek an academic minor in biology.

Minor in Biology

The biology minor complements the skills you gain in your PDMRU GLVFLSOLQH E\ KHOSLQJ WR SURYLGH DQ XQGHUO\LQJ VFLHQWL4F base upon which to build a career in the life sciences, allied KHDOWK 4HOGV ELRLQIRUPDWLFV HQYLURQPHQWDO PDQDJHPHQW science journalism, or science education.

Courses in the Minor (15 Credits)

A minor in biology requires the completion of 15 credits of coursework in biology. Any BIOL courses apply.

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

Biotechnology

If you have completed the required lower-level coursework for the biotechnology major—either within an Associate of Applied Science degree program at a community college with which UMGC has an articulation agreement or within another appro - priate transfer program—you may seek an academic major in biotechnology. Consult an advisor before electing this major.

Major in Biotechnology

Biotechnology is the development and innovations in the agricultural, pharmaceuti-

other degree requirements. You must also complete all related required coursework, which may be applied to general education or elective requirements, as part of the 120 credits required for the degree. At least 18 credits in the major must be earned in upper-level courses (numbered 300 or above). See p. 9 for information on overall degree requirements.

COURSES IN THE MAJOR (36 CREDITS)

BIOL 325	Inquiries in Biological Science (3)
BIOL 350	Molecular and Cellular Biology (3)
BIOL 357	Bioinformatics (3)
NSCI 301	Laboratory Management and Safety (3)
BIOL 486A/B	Workplace Learning in Biology (6)
BIOL 495	Current Trends and Applications in the Life Sciences (3)

The following lower-level courses in transfer (15):

- General microbiology with laboratory (4)
- General genetics with laboratory (4)
- Biotechnology applications and techniques with laboratory (7)

RELATED REQUIRED COURSES

Note: The following required courses may be applied to gen - eral education or elective requirements.

Science coursework in biotechnology, biochemistry, cell biol - ogy, chemistry, genetics, immunology, microbiology, molecular biology, physics, and virology courses, to total 17 credits

GENERAL EDUCATION COURSES (41 CREDITS)

6LQFH VRPH UHFRPPHQGHG FRXUVHV IXO4OO PRUH WKDQ RQH requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) WR IXO4OO JHQHUDO HGXFDWLRQ UHTXLUHPHQWV LQ FRPPXQLFDWLRQV arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and comput - ing literacy) may be found on p. 8.

Note: ([FHVV FUHGLW HDUQHG LQ IXO4OOLQJ DQ\ JHQHUDO HGXFDWLRQ requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(6	3URJUDP DQG &DUHHU ([SORUDWLRQ LQ Health and Sciences (3) or other PACE 111 course WR EH WDNHQ LQ 4UVW FUHGLWV
LIBS 150	Introduction to Research (1) or CAPL 398A Career Planning Management or other general education elective or 1 credit from a second 4-credit science course
IFSM 201	Concepts and Applications of Information Technology (3) or another computing course appropriate to the academic major

Communications Courses

WRTG 111 Academic Writing I (3)i18.Yd (i18.d (i18.dd (i18.dLaw.776 0 d (or ot
Intro24c Writing I (3)
or CAPL 3de031 education elective

Research and Computing Literacy Courses

3$&(% 3URJUDP DQG &DUHHU Û õRUDGÅR Â % Ö0 Bcc °0P1òÀ!€ ,ð Â ! êÎ Î ,‰2Œ! ðÀ ‰2 Ó° p 0P€

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A degree with a major in computer networks and cybersecurity requires the successful completion of 120 credits of coursework, including 33 credits for the major; 41 credits in general educa - tion requirements; and 46 credits in the minor, electives, and other degree requirements. At least 17 credits in the major must be earned in upper-level courses (numbered 300 or above). See p. 9 for information on overall degree requirements.

COURSES IN THE MAJOR (33 CREDITS)

CMIT 202	Fundamentals of Computer Troubleshooting (3)
CMIT 265	Fundamentals of Networking (3)
CMIT 320	Network Security (3)
CMIT 321	Ethical Hacking (3)
CMIT 350	Interconnecting Cisco Devices (3)
CMIT 369	Windows Server: Install and Storage (3)
&0–7	/LQX[6\VWHP $GPLQLVWUDWLRQ
CMIT 495	Current Trends and Projects in Computer Networks and Cybersecurity (3)

Three upper-level courses chosen from any upper-level CMIT courses and CCJS 321 (9)—Focused study in Microsoft, Cisco, network security, or digital forensics recommended, as follows:

Microsoft

CMIT 370	Windows Server: Networking
CMIT 371	Windows Server: Identity
CMIT 372	Designing and Implementing a Server Infrastructure
CMIT 373	Implementing an Advanced Server Infrastructure

Cisco

CMIT 451	Implementing Cisco IP Routing
CMIT 452	Implementing Cisco IP Switched Networks
CMIT 453	Troubleshooting and Maintaining Cisco IP Networks
CMIT 454	Cisco CCNA Security

Network Security

CMIT 370	Windows Server: Networking
CMIT 451	Implementing Cisco IP Routing
CMIT 425	Advanced Information Systems Security

Digital Forensics

CCJS 321	Digital Forensics in the Criminal Justice System
CMIT 424	Digital Forensics Analysis and Application
CMIT 440	Mobile Forensics
CMIT 460	Network Forensics

6LQFH VRPH UHFRPPHQGHG FRXUVHV IXO4OO PRUH WKDQ RQH requirement, substituting courses for those listed may require additional coursework and the approval of others. Consult an advisor whenever taking advantage of these options. Information on alternate courses (where allowable) TI0i8 [(you toMp54F02340719 Td1d [(Consdnop75 > >>BDC 6.77t51R050005000484h

cation or elective requirements, as part of the 120 credits required for the degree. At least 18 credits in the major must be earned in upper-level courses (numbered 300 or above). See p. 9 for information on overall degree requirements.

COURSES IN THE MAJOR (36 CREDITS)

CMIS 141	Introductory Programming (3)
CMIS 242	Intermediate Programming (3)
CMIS 310	Computer Systems and Architecture (3)
SDEV 300	Building Secure Web Applications (3)
CMSC 350	Data Structures and Analysis (3)
CMSC 330	Advanced Programming Languages (3)
CMSC 335	Object-Oriented and Concurrent Programming (3)
CMSC 430	Compiler Theory and Design (3)
CMSC 451	Design and Analysis of Computer Algorithms (3)
CMSC 412	Operating Systems (3)
CMSC 405	Computer Graphics (3)
CMSC 495	Current Trends and Projects in Computer Science (3)

RELATED REQUIRED COURSES

Note: The following required courses may be applied to general education or elective requirements.

MATH 140	Calculus I
MATH 141	Calculus II
CMSC 150	Introduction to Discrete Structures
CMIS 102	Introduction to Problem Solving and Algorithm Design

GENERAL EDUCATION COURSES (41 CREDITS)

6LQFH VRPH UHFRPPHQGHG FRXUVHV IXO4OO PRUH WKDQ RQH requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) WR IXO4OO JHQHUDO HGXFDWLRQ UHTXLUHPHQWV LQ FRPPXQLFDWLRQV arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and comput - ing literacy) may be found on p. 8.

Note: ([FHVV FUHGLW HDUQHG LQ IXO4OOLQJ DQ\ JHQHUDO HGXFDWLRQ requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(7	3URJUDP DQG &DUHHU ([SORUDWLRQ LQ Technology (3)
	or other PACE 111 course

WR EH WDNHQ LQ 4UVW FUHGLWV

LIBS 150	Introduction to Research (1)
	or CAPL 398A Career Planning Management
	or other general education elective
	or 1 credit from 4-credit MATH course
CMIS 102	Introduction to Problem Solving and Algorithm Design (3)

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Communications Courses

WRTG 111	Academic Writing I (3)
	or other writing course
WRTG 112	Academic Writing II (3)
SPCH 100	Foundations of Oral Communication (3)
	or other communication, writing, or speech course
WRTG 393	Advanced Technical Writing (3)
	or other advanced upper-level writing course

Math Course

MATH 140	Calculus I (4)

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Arts and Humanities Courses

HIST 125	Technological Transformations (3)
	or other arts and humanities course

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Math CourseB EMC havi5(s)-2r (rseScserit.5(se)0.5.2( )]TJ EMC /P <</MCID 73 >>BDC /TT1

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Minor in Computer Science

The computer science minor complements the skills you gain in your major discipline by providing the foundations for designing and programming computer applications in support of most occupations and developing a process for solving challenging problems.

Courses in the Minor (15 Credits)

A minor in computer science requires the completion of 15 credits in computer science coursework, including the following two-course sequence in programming:

CMIS 141 Introductory Programming (3)
CMIS 242 Intermediate Programming (3)

The remaining 9 credits may be chosen from any upper-level CMSC courses (i.e., courses numbered 300 or above).

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

Career Preparation

options. Information on alternate courses (where allowable) WR IXO4OO JHQHUDO HGXFDWLRQ UHTXLUHPHQWV or other science course. arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and computing literacy) may be found on p. 8.

Note: ([FHVV FUHGLW HDUQHG LQ IXO4OOLQJ DQ\ JHQHUDO HGXFDWLRQ requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(3 3URJUDP DQG &DUHHU ([SORUDWLRQ LQ Public Safety (3)
or other PACE 111 course
WR EH WDNHQ LQ 4UVW FUHGLWV

LIBS 150 Introduction to Research (1)
or CAPL 398A Career Planning Management
or other general education elective

IFSM 201 Concepts and Applications of Information Technology
or another computing course appropriate to the academic major

Communications Courses

WRTG 111 Academic Writing I (3)
or other writing course

WRTG 112 Academic Writing II (3)

SPCH 100 Foundations of Oral Communication (3)
or other communication, writing, or speech course

WRTG 391 Advanced Research Writing (3)
or other advanced upper-level writing course

Math Course

MATH 105 Topics for Mathematical Literacy (3)
or other approved math or statistics course

Arts and Humanities Courses

HIST 125 Technological Transformations (3)
or other arts and humanities course

HUMN 100 Introduction to Humanities (3)
or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103 Economics in the Information Age (3)
or other behavioral and social sciences course

BEHS 103 Technology in Contemporary Society (3)
or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101 and BIOL 102 Concepts of Biology (3) Laboratory in Biology (1)
or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory
or other paired science lecture and laboratory courses taken in the same session

GEOL 100 Physical Geology (3)
or other science course

MINOR AND ELECTIVE COURSES (46 CREDITS)

Total credits for BS in Criminal Justice 120

Minor in Criminal Justice

The criminal justice minor complements the skills you gain in your major discipline by providing a study of crime, law enforcement, courts, corrections, security, and investigative forensics.

Courses in the Minor (15 Credits)

A minor in criminal justice requires the completion of 15 credits of coursework in criminal justice. Any CCJS courses apply. It is UHFRPPHQGHG WKDW \RX WDNH &&-6 RU & course in the minor (if you have not already applied the course toward other degree requirements).

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

Career Preparation

This program is designed to help prepare you to move into a command position in law enforcement or meet the degree requirement for federal law enforcement. The content of the degree program is applicable to positions in the public and SULYDWH VHFWRUV *UDGXDWHV PD\ 4QG SR criminal justice system.

INDUSTRY CERTIFICATION

This program is designed to help prepare you for the following

Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) WR IXO4OO JHQHUDO HGXFDWLRQ UHTXLUHPHQWV LQ FRPPXQLFDWLRQV arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and comput - ing literacy) may be found on p. 8.

Note: ([FHVV FUHGLW HDUQHG LQ IXO4OOLQJ DQ\ JHQHUDO HGXFDWLRQ requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(7	3URJUDP DQG &DUHHU ([SORUDWLRQ LQ Technology (3)
	or other PACE 111 course
	WR EH WDNHQ LQ 4UVW FUHGLWV
LIBS 150	Introduction to Research (1)
	or CAPL 398A Career Planning Management
	or other general education elective
CMST 301	Digital Media and Society (3)
	or another computing course appropriate to the academic major

Communications Courses

WRTG 111	Academic Writing I (3)
	or other writing course

- Create a presentation in Chinese, Japanese, or Korean that demonstrates an ability to speak, read, and write the language
- :ULWH D UHVHDUFK SDSHU DERXW D VSHFL4F VXEMHFW XVLQJ primary source material

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A degree with a major in East Asian studies requires the suc - cessful completion of 120 credits of coursework, including 30 credits for the major; 41 credits in general education requirements; and 49 credits in the minor, electives, and other degree requirements. At least 15 credits in the major must be earned in upper-level courses (numbered 300 or above). See p. 9 for information on overall degree requirements.

COURSES IN THE MAJOR (30 CREDITS)

ASTD 284	Foundations of East Asian Civilization (3)
ASTD 285	Introduction to Modern East Asia (3)
PHIL 348	Religions of the East (3)
ASTD 485	Issues in East Asian Studies (3)

East Asian language courses (9)—Courses designated CHIN or JANC 6.77for i Tw-2(5c -0.017 Tw 9 0 0 9 54.)Tj .017 Tw 9 0 0 9 54.

Minor in East Asian Studies

The East Asian studies minor complements the skills you gain in your major discipline by providing an interdisciplinary study of the cultural, historical, political, and contemporary business UHDOLW\ RI WKH $VLDQ 3DFL4F ZRUOG

Courses in the Minor (15 Credits)

A minor in East Asian studies requires the completion of 15 credits of coursework in East Asian studies, which must include ASTD 284 and ASTD 285. Courses allowable for the major in East Asian studies apply.

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level

Emergency Management

You may seek an academic minor in emergency management.

Minor in Emergency Management

The emergency management minor complements the skills you gain in your major discipline by providing knowledge of emergency management, including disaster planning and operations and allocation of limited resources.

Educational Relationship

An articulation agreement between UMGC's Undergraduate School and Graduate School allows eligible students who complete their undergraduate degree at UMGC with a minor in emergency management to reduce their total coursework for the Master of Science in Management with a specialization in emergency management at UMGC by 6 credits (two courses) and complete both degrees with a total of 150 credits of coursework. More information is available in the graduate catalog.

Courses in the Minor (15 Credits)

A minor in emergency management requires the completion of the following courses:

EMGT 302	Concepts of Emergency Management (3)
EMGT 304	Emergency Response Preparedness and Planning (3)
EMGT 312	Social Dimensions of Disaster (3)

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The curriculum provides an interdisciplinary approach toward air, land, and water environmental management; pollution control; policies; regulations; and environmental health and safety.

COURSEWORK EXAMPLES

In past projects, students have had the opportunity to

- Conduct risk assessments; collect, analyze, and interpret data and characterize potential adverse effects of chemical, physical, and biological agents
- Evaluate environmental and health hazards to formulate strategies for controlling hazards
- Anticipate, recognize, and evaluate occupational hazards

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A degree with a major in environmental management requires the successful completion of 120 credits of coursework,

- &RPSOHWH FDVH VWXGLHV RI LQGLYLGXDO 4QDQFLDO SODQQLQJ

Biological and Physical Sciences Courses

BIOL 101	Concepts of Biology (3)
and BIOL 102	Laboratory in Biology (1)
	or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory
	or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3)
	or other science lecture course

MINOR AND ELECTIVE COURSES (43 CREDITS)

Total credits for BS in Finance 120

Minor in Finance

7KH 4QDQFH PLQRU FRPSOHPHQWV WKH VNLOOV \RX JDLQ LQ \RXU major discipline by providing a study of the institutions, WKHRU\ DQG SUDFWLFH DVVRFLDWHG ZLWK WKH GLVWULEXWLRQ RI resources within the private sector.

Courses in the Minor (15 Credits)

$ PLQRU LQ 4QDQFH UHTXLUHV WKH FRPSOHWLRQ RI FRXUVHZRUN LQ 4QDQFH $OO)–1&-FRXUVHV DSSO\ –W LV UHFRP PHQGHG WKDW \RX WDNH)–1& DQG)–1& DV WKH 4UVW courses in the minor (if you have not already applied the courses toward other degree requirements).

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

Career Preparation

This program is designed to help prepare you for positions in contract management, budgeting, corporate and government 4QDQFLDO PDQDJHPHQW LQYHVWPHQWV SRUWIROLR DQDO\VLV DQG PDQDJHPHQW 4QDQFLDO DQDO\VLV 4QDQFLDO SODQQLQJ EDQNLQJ risk management, and insurance.

Fire Service Administration

<RX PD\ VHHN DQ DFDGHPLF PLQRU LQ 4UH V

Minor in Fire Service Administration

7KH 4UH VHUYLFH DGPLQLVWUDWLRQ PLQRU you gain in your major discipline by providing knowledge of GLVDVWHU SODQQLQJ DQG WKH DGPLQLVWUD services, including organization, planning, operating proce - dures, management, and allocation of limited resources.

Courses in the Minor (15 Credits)

$ PLQRU LQ 4UH VHUYLFH DGPLQLVWUDWLRQ of the following courses: FDWLRQ RI 4QDQFLDO

FSCN 302	Fire and Emergency Services Administration (3)
FSCN 304	Personnel Management for Fire and Emergency Services (3)
FSCN 305	Fire Prevention Organization and Management (3)
FSCN 413	Community Risk Reduction for the Fire and Emergency Services (3)
FSCN 416	Emergency Services Training and Education (3)

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward

Forensics

You may seek an academic minor in forensics. A related aca - demic major is available in investigative forensics (p. 58).

Minor in Forensics

The minor in forensics complements the skills you gain in your major discipline by providing interdisciplinary study in selected areas of criminal justice, natural science, social science, inves - tigation and security, information and computer systems, psy - FKRORJ\ DQG VRFLRORJ\ –W FRPELQHV ODERUDWRU\ DQG 4HOG VNLOOV in the collection and analysis of physical evidence with further VWXG\ LQ WKH YDULRXV VXE4HOGV RI IRUHQVLFV

Courses in the Minor (15 Credits)

A minor in forensics requires the completion of 15 credits of coursework in forensics, chosen from those listed in the requirements for the major in investigative forensics. It is recommended that you take CCJS 101 and CCJS 234 as the 4UVW FRXUVHV IRU WKH PLQRU LI \RX KDYH QRW DOUHDG\ DSSOLHG WKH courses toward other degree requirements).

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

General Studies

Major in General Studies

The general studies major allows you to draw from various disciplines that provide a body of knowledge appropriate to DQ DUHD RI LQWHUHVW WKDW \RX LGHQWLI\ IR of culture, a historical period, or a geographical location). The interdisciplinary approach emphasizes analysis and synthesis of diverse theory and practice.

What You'll Learn

Through your coursework, you will learn how to

- &RPPXQLFDWH H•HFWLYHO\ ERWK RUDOO\ DQ individuals and groups to convey ideas and knowledge and to establish professional competency
- Develop the skills and competencies required for sustain - able professional success
- Use appropriate resources to research and critically analyze real-world situations
- Cultivate an awareness of one's changing relationship to GLYHUVH VRFLDO KLVWRULFDO DQG FXOWXU
- Understand and apply key concepts from chosen disciplines

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A degree with a major in general studies requires the suc- cessful completion of 120 credits of coursework, including 30 credits for the major; 41 credits in general education requirements; and 49 credits in the minor, electives, and other degree requirements. At least 15 credits in the major must be earned in upper-level courses (numbered 300 or above). See p. 9 for information on overall degree requirements.

COURSES IN THE MAJOR (30 CREDITS)

Coursework for the major in general studies includes either FUHGLWV LQ HDFK RI WZR GL•HUHQW GLVFLS ZRUN IRU D SDUWLFXODU FXUULFXOXP DV GH4Q

The general studies major requires prior approval. Unless the FXUULFXOXP KDV DOUHDG\ EHHQ GH4QHG E\ 80* PLW D IRUPDO SURSRVDO H[SODLQLQJ WKH IRFX ing outcomes of the proposed course of study and identifying VSHFL4F FRXUVHV WR IXO4OO WKRVH OHDUQLQ advisor about the requirements and procedure for submitting a proposal.

Gerontology and Aging Services

You may seek either an academic major or minor in gerontol - ogy and aging services.

Major in Gerontology and Aging Services

Join the growing labor force needed to meet the health care challenge of an aging population by pursuing a degree in gerontology and aging services.

The aging baby boomer population is driving some of the fastest growth in health care jobs in the country. This group has enormous clout across many industries, including health, 4 Q D Q F H P D U N H W L Q J S R O L F \ K R X V L Q J W U D Q V S R U W D W L R Q D Q G H G X F D tion. In fact, by 2030, when the last baby boomers turn 65, one

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GENERAL EDUCATION COURSES (41 CREDITS)

6LQFH VRPH UHFRPPHQGHG FRXUVHV IXOILOO RU WKDQ RQH requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) WR IXOILOO JHQHUDO HGXFDWLRQ UHTXLUHPHQWV LQ FRPPXQLFDWLRQV arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and comput - ing literacy) may be found on p. 8.

Note: ([FHVV FUHGLW HDUQHG LQ IXOILOOLQJ DQ\ JHQHUDO HGXFDWLRQ requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(6 3URJUDP DQG &DUHHU ([SORUDWLRQ LQ Health and Sciences (3)
or other PACE 111 course
WR EH WDNHQ LQ 4UVW FUHGLWV

LIBS 150 Introduction to Research (1)
or CAPL 398A Career Planning Management
or other general education elective

IFSM 201 Concepts and Applications of Information Technology (3)
or another computing course appropriate to the academic major

Communications Courses

WRTG 111 Academic Writing I (3)
or other writing course

WRTG 112 Academic Writing II (3)

SPCH 100 Foundations of Oral Communication (3)
or other communication, writing, or speech course

WRTG 391 Advanced Research Writing (3)
or other advanced upper-level writing course

Math Course

STAT 200 Introduction to Statistics (3)
UHODWHG UHTXLUHPHQW IRU WKH PDMRU

Arts and Humanities Courses

HIST 125 Technological Transformations (3)
or other arts and humanities course

HUMN 100 Introduction to Humanities (3)
or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103 Economics in the Information Age (3)
or other behavioral and social sciences course

BEHS 103 Technology in Contemporary Society (3)
or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101 Concepts of Biology (3)
and BIOL 102 Laboratory in Biology (1)
or NSCI 100 Introduction to Physical Science
and NSCI 101 Physical Science Laboratory
or other paired science lecture and laboratory courses taken in the same session

GEOL 100 Physical Geology (3)
or other science lecture course

MINOR AND ELECTIVE COURSES (46 CREDITS)

Total credits for BS in Gerontology and Aging Services 120

Minor in Gerontology and Aging Services

The gerontology and aging services minor complements the VNLOOV \RX JDLQ LQ \RXU PDMRU GLVFLSOLQH E a multidisciplinary perspective that integrates biological, socio - logical, psychological, and historical perspectives. It provides you ZLWK WKH RSSRUWXQLW\ WR VWXG\ FRPSOH[SU DJLQJ DQG WKH 4HOG RI JHURQWRORJ\

Courses in the Minor (15 Credits)

A minor in gerontology and aging services requires the comple - tion of 15 credits of coursework in gerontology. BEHS 380 and all GERO courses apply. It is recommended that you take GERO DV WKH 4UVW FRXUVH LQ WKH PLQRU LI \RX applied the course toward other degree requirements).

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

Career Preparation

This program is designed to help prepare you for a number of careers in areas that include program management, program and policy analysis, services development, and housing and facilities management.

Graphic Communication

You may seek an academic major in graphic communication.

Major in Graphic Communication

Make your mark in graphic communications with a major that

Communications Courses

WRTG 111	Academic Writing I (3) or other writing course
WRTG 112	Academic Writing II (3)
SPCH 100	Foundations of Oral Communication (3) or other communication, writing, or speech course
WRTG 391	Advanced Research Writing (3) or other advanced upper-level writing course

Math Course

MATH 105	Topics for Mathematical Literacy (3) or other approved math or statistics course

Arts and Humanities Courses

ARTH 375	History of Graphic Art (3) or other arts and humanities course
HUMN 100	Introduction to Humanities (3) or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103	Economics in the Information Age (3) or other behavioral and social sciences course
BEHS 103	Technology in Contemporary Society (3) or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101	Concepts of Biology (3)
and BIOL 102	Laboratory in Biology (1) or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3) or other science lecture course

MINOR AND ELECTIVE COURSES (46 CREDITS)

Total credits for BA in Graphic Communication	120

Career Preparation

This program is designed to help prepare you for a graphic design or communications management career in business, government, or industry. It is intended to provide you with a complete professional portfolio to work in the graphic commu - QLFDWLRQ 4HOG LQ DUHDV VXFK DV JUDSKLF GHVLJQ FRPPXQLFDWLRQ design, freelance graphic design, and art direction.

Health Services Management

You may seek either an academic major or minor in health services management.

Major in Health Services Management

Advance in one of the country's fastest-growing job sectors with a degree in health services management.

With the advent of electronic health records and the aging baby boomer demographic, the health care sector is growing rapidly, and occupations related to health care are among the fastest-growing in the country. The robust growth of positions in health services management will generate substantial opportunities for individuals with the right leadership skills.

Behavioral and Social Sciences Courses

ECON 103	Economics in the Information Age (3) or other behavioral and social sciences course
BEHS 103	Technology in Contemporary Society (3) or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101 and BIOL 102	Concepts of Biology (3) Laboratory in Biology (1) or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3) or other science lecture course

MINOR AND ELECTIVE COURSES (46 CREDITS)

Total credits for BS in Health Services Management 120

Minor in Health Services Management

The minor in health services management complements the skills you gain in your major discipline by enhancing the knowledge, skills, and competencies required by the changing health services environment. The minor covers a wide range of topics designed to help you deal with the challenges of management DQG OHDGHUVKLS LQ WKLV G\QDPLF 4HOG

Courses in the Minor (15 Credits)

A minor in health services management requires the completion of 15 credits of coursework in health services management, chosen from any HMGT courses and GERO 342. It is UHFRPPHQGHG WKDW \RX WDNH +0*7 DV WKH 4UVW FRXUVH LQ the minor (if you have not already applied the course toward other degree requirements).

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

Career Preparation

This program is designed to help prepare you to work in the IDVW JURZLQJ 4HOG RI KHDOWK VHUYLFHV – PDQDJHPHQW FXUUHQW HYHQWV DQG LGHDV LQ

History

You may seek either an academic major or minor in history.

Major in History

Strengthen your research and writing skills; learn to think critically; and prepare for a future in politics, law, journalism, or education by pursuing a bachelor's degree in history.

/LNH RWKHU OLEHUDO DUWV PDMRUV D PDMRU base of critical thinking on which to build a career or further graduate study.

2QH RI WKH YHU\ 4UVW VFKRROV WR R•HU D GH KLVWRU\ RQOLQH 80*& EULQJV \RX QHDUO\ WZ ence in teaching history in an online environment. Plus, if you're based in the Washington, D.C., area, you'll have myriad RSSRUWXQLWLHV WR 4QG LQWHUQVKLSV DQG S MREV LQ WKH 4HOG YLD SXEOLF LQVWLWXWLRQ Our alumni have gone on to work at such agencies as the National Archives and the National Park Service.

What You'll Learn

Through your coursework, you will learn how to

- Research, interpret, and present historical knowledge
- Write and speak clearly and appropriately about historical information for diverse audiences
- Engage in history as a moral and ethical practice, recognizing a wide range of backgrounds and perspectives
- Apply historical precedents to contemporary life and GHYHORS VHOI UH5HFWLRQ
- $FKLHYH D GHHS XQGHUVWDQGLQJ RI WKH GL events, and cultures that have shaped human civilization

Your Coursework in History

In the history curriculum, you can study a range of historical eras and geographical areas, including China, the Middle East, wartime Europe, and the United States. You'll also dig into research and writing, learning how to lay the groundwork for and eventually complete a substantial original historical research project suitable for presentation or publication.

COURSEWORK EXAMPLES

In past projects, students have had the opportunity to

- PDNH UHYLHZ FXUUHQW HYHQWV DQG LGHDV LQ
- Focus on the ways in which race, class, ethnicity, and gender KDYH VKDSHG WKH YDULHG H[SHULHQFHV RI 8

- ([DPLQH WKH DUW UHOLJLRQ DQG OLWHUDWXUH RI YDULRXV WLPH SHULRGV DQG ORFDWLRQV
- 6WXG\ :RUOG :DU –– DQG RWKHU PDMRU FRQIOLFWV IURP D YDULHW\ RI SHUVSHFWLYHV
- Research, write about, and present the results of a project on a chosen topic

Educational Relationship

An articulation agreement between UMGC's Undergraduate School and Graduate School allows eligible students who complete their undergraduate degree at UMGC with a major in history to reduce their total coursework for the Master of Arts in Teaching at UMGC by 12 credits (three courses, including the noncredit introductory course UCSP 615) and complete both degrees with a total of 138 credits of coursework. More information is available in the graduate catalog.

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A degree with a major in history requires the successful completion of 120 credits of coursework, including 33 credits for the major; 41 credits in general education requirements; and 46 credits in the minor, electives, and other degree requirements. At least 17 credits in the major must be earned in upper-level courses (numbered 300 or above). See p. 9 for information on overall degree requirements.

COURSES IN THE MAJOR (33 CREDITS)

HIST 115	World History I (3)
	or HIST 141 Western Civilization I
HIST 116	World History II (3)
	or HIST 142 Western Civilization II
HIST 156	History of the United States to 1865 (3)
HIST 157	History of the United States Since 1865 (3)
HIST 289	Historical Methods (3)
HIST 309	Historical Writing (3)
HIST 495	Senior Thesis in History (3)

Upper-level HIST courses (12)—Focused study in U.S. or world history recommended, as follows:

U.S. History

HIST 316L	The American West
HIST 365	Recent America: 1945 to the Present
HIST 377	U.S. Women's History: 1870 to 2000
HIST 461	African American History: 1865 to the Present

World History

HIST 326	The Roman Republic
HIST 337	Europe's Bloodiest Century
HIST 392	History of the Contemporary Middle East
HIST 480	History of China to 1912

GENERAL EDUCATION COURSES (41 CREDITS)

6LQFH VRPH UHFRPPHQGHG FRXUVHV IXO4OO requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) WR IXO4OO JHQHUDO HGXFDWLRQ UHTXLUHPI arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and comput - ing literacy) may be found on p. 8.

Note: ([FHVV FUHGLW HDUQHG LQ IXO4OOLQJ D requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(& 3URJUDP DQG &DUHHU ([SORUDWLRQ	
	Communication/Humanities (3)
	or other PACE 111 course
	WR EH WDNHQ LQ 4UVW FUHGLWV
LIBS 150	Introduction to Research (1)
	or CAPL 398A Career Planning Management
	or other general education elective
CMST 301	Digital Media and Society
	or another computing course appropriate to the academic major

Communications Courses

WRTG 111	Academic Writing I (3)
	or other writing course
WRTG 112	Academic Writing II (3)
SPCH 100	Foundations of Oral Communication (3)
	or other communication, writing, or speech course
WRTG 391	Advanced Research Writing (3)
	or other advanced upper-level writing course

Math Course

MATH 105	Topics for Mathematical Literacy (3)
	or other approved math or statistics course

Arts and Humanities Courses

HIST 125	Technological Transformations (3)
	or other arts and humanities course
HUMN 100	Introduction to Humanities (3)
	or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103	Economics in the Information Age (3)
	or other behavioral and social sciences course
BEHS 103	Technology in Contemporary Society (3)
	or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101	Concepts of Biology (3)
and BIOL 102	Laboratory in Biology (1)
	or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory
	or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3)
	or other science lecture course

MINOR AND ELECTIVE COURSES (46 CREDITS)

EDTP 500	Professional Fundamentals of Teaching and Learning (6)
	IRU TXDOL4HG VWXGHQWV ZKR SODQ WR HQWHU WKH MAT program at UMGC; students should note SUHUHTXLVLWHV DQG FRQVXOW DQ DGYLVRU
EDTP 535	Adolescent Development and Learning Needs (6)
	IRU TXDOL4HG VWXGHQWV ZKR SODQ WR HQWHU WKH MAT program at UMGC; students should note SUHUHTXLVLWHV DQG FRQVXOW DQ DGYLVRU

Total credits for BA in History 120

Minor in History

The history minor complements the skills you gain in your PDMRU GLVFLSOLQH E\ R•HULQJ D KLVWRULFDO SHUVSHFWLYH DQG E\ helping you to develop critical thinking and an appreciation of the major contributions of various events and individuals to human civilization.

Courses in the Minor (15 Credits)

A minor in history requires the completion of 15 credits of coursework in history, as follows:

A 100-level HIST course (3)
(Courses counted toward this requirement include HIST 115, +–67 +–67 +–67 +–67 DQG +–67
HIST 289 Historical Methods (3)
Any upper-level HIST courses (9)

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9 .

Career Preparation

This program is designed to help prepare you for a future in politics, law, journalism, or education. It is appropriate for you if you have an interest in teaching history or social studies; working in public history archives, historic sites, museums, and galleries; or pursuing graduate-level study in history or law and public policy.

Homeland Security

You may seek either an academic major or minor in homeland security.

Major in Homeland Security

Increase your knowledge about homeland security and get ready to lead the organizations that defend against threats to homeland security and manage emergency situations by pursuing a bachelor's degree in homeland security.

A major in homeland security can help you develop the knowl - edge, skills, and abilities needed for management and leader - ship in homeland security. The coursework has been developed by practitioner-scholars who work in a variety of homeland security roles and is designed to provide you with a global outlook, interpersonal skills, leadership abilities, and awareness of current issues in domestic and international security. You'll use actual homeland security information, taken straight from governmental sources, in your assignments.

;LEX =SY PP 0IEVR

Through your coursework, you will learn how to

- Lead, manage, and motivate others, developing their knowl - edge and skills, to establish and achieve strategic and opera - tional homeland security goals and interface with internal DQG H[WHUQDO DXGLHQFHV
- Manage technology and information for the protection and recovery of critical infrastructure/information in a hostile or emergency environment
- 1DYLJDWH WKH 4QDQFLDO SHUVRQ-QHO OHJD mation of public or private organizations to identify, eval- uate, and address organizational needs, requirements, and resources
- 5HVHDUFK DQDO\]H DQG V\QWKHVL]H FRPSOH information using various methods to formulate risk assess - ments and responses to emerging threats
- Communicate, negotiate, and educate strategically and tacti - cally across cultural boundaries with diverse partners and stakeholders within homeland security

Your Coursework in Homeland Security

In your courses, you'll focus on the security issues of homeland security, including international and domestic terrorism, infrastructure protection, strategic planning, international relations, intelligence operations, and evaluation. You'll also learn about ethics, research and technology, legal and political issues, and leadership. Management competencies covered include strategic planning, legal awareness, aspects of intelligence and international relations, ethics, decision making, and supervision.

COURSEWORK EXAMPLES

In past projects, students have had the opportunity to

- Identify a homeland security issue
- Analyze how the issue should be addressed
- Present possible solutions, including implementation steps and recommendations

Educational Relationship

An articulation agreement between UMGC's Undergraduate School and Graduate School allows eligible students who complete their undergraduate degree at UMGC with a major in homeland security to reduce their total coursework for the Master of Science in Management or the Master of Science in Information Technology with a specialization in homeland security at UMGC by 6 credits (two courses) and complete both degrees with a total of 150 credits of coursework. More information is available in the graduate catalog.

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A degree with a major in homeland security requires the successful completion of 120 credits of coursework, including 33 credits for the major; 41 credits in general education requirements; and 46 credits in the minor, electives, and other degree requirements. You must also complete all related required coursework, which may be applied to general education or elective requirements, as part of the 120 credits required for the degree. At least 17 credits in the major must be earned in upper-level courses (numbered 300 or above). See p. 9 for information on overall degree requirements.

HUMN 100	Introduction to Humanities (3) or other arts and humanities course
Behavioral and Social Sciences Courses	
ECON 103	Economics in the Information Age (3) or other behavioral and social sciences course
BEHS 103	Technology in Contemporary Society (3) or other behavioral and social sciences course
Biological and Physical Sciences Courses	
BIOL 101 and BIOL 102	Concepts of Biology (3) Laboratory in Biology (1) or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3) or other science lecture course
MINOR AND ELECTIVE COURSES (46 CREDITS)	
Total credits for BS in Homeland Security	120

Minor in Homeland Security

The homeland security minor complements the skills you gain in your major discipline by providing knowledge of the concepts of domestic and international security.

Courses in the Minor (15 Credits)

A minor in homeland security requires the completion of the following courses:

HMLS 302	Introduction to Homeland Security (3)

BMGT 364	Management and Organization Theory (3)
)–1&	)LQDQFH IRU WKH 1RQ4QDQFLDO 0DQDJHU
HRMN 408	Employment Law for Business (3)
HRMN 467	Global Human Resource Management (3)
HRMN 495	Contemporary Issues in Human Resource Management Practice (3)

RELATED REQUIRED COURSE

Note: The following required course may be applied to general education or elective requirements.

IFSM 300	Information Systems in Organizations

GENERAL EDUCATION COURSES (41 CREDITS)

6LQFH VRPH UHFRPPHQGHG FRXUVHV IXO4OO PRUH WKDQ RQH

Information Systems Management

You may seek either an academic major or minor in information systems management.

Major in Information Systems Management

Learn how to manage systems and IT personnel with a bachelor's degree in information systems management.

Information systems management is a critical part of the strategic decision-making process in virtually all of today's public and private organizations. That means managers who can lead the teams that integrate information systems with general business processes are in high demand.

'HYHORSHG E\ FKLHI LQIRUPDWLRQ R]FHUV DQG RWKHU KLJK OHYHO –7 professionals, the bachelor's degree program in information sys

RELATED REQUIRED COURSE

Note: The following required course may be applied to general education or elective requirements.

CMIS 102 Introduction to Problem Solving and Algorithm Design

GENERAL EDUCATION COURSES (41 CREDITS)

6LQFH VRPH UHFRPPHQGHG FRXUVHV IXO4OO PRUH WKDQ RQH requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) to IXO4OO JHQHUDO HGXFDWLRQ UHTXLUHPHQWV LQ FRPPXQLFDWLRQV DUWV and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and computing literacy) may be found on p. 8.

Note: ([FHVV FUHGLW HDUQHG LQ IXO4OOLQJ DQ\ JHQHUDO HGXFDWLRQ requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(7 3URJUDP DQG &DUHHU ([SORUDWLRQ LQ Technology (3)
or other PACE 111 course
WR EH WDNHQ LQ 4UVW FUHGLWV

LIBS 150 Introduction to Research (1)
or CAPL 398A Career Planning Management
or other general education elective

CMIS 102 Introduction to Problem Solving and Algorithm Design (3)
or other programming course
UHODWHG UHTXLUHPHQW IRU WKH PDMRU

Communications Courses

WRTG 111 Academic Writing I (3)
or other writing course

WRTG 112 Academic Writing II (3)

SPCH 100 Foundations of Oral Communication (3)
or other communication, writing, or speech course

WRTG 393 Advanced Technical Writing (3)
or other advanced upper-level writing course

Math Course

STAT 200 Introduction to Statistics (3)
or other approved math or statistics course

Arts and Humanities Courses

HIST 125 Technological Transformations (3)
or other arts and humanities course

HUMN 100 Introduction to Humanities (3)
or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103 Economics in the Information Age (3)
or other behavioral and social sciences course

BEHS 103 Technology in Contemporary Society (3)
or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101 Concepts of Biology (3)
and BIOL 102 Laboratory in Biology (1)
or NSCI 100 Introduction to Physical Science Economsystcms.-

Investigative Forensics

You may seek an academic major in investigative forensics. A related minor is available in forensics (p. 42).

Major in Investigative Forensics

%HFRPH 5XHQW LQ WKH ODQJXDJH RI FULPH VFHQH LQYHVWLJDWLRQ for a career in civil or criminal justice by pursuing a degree in investigative forensics.

GENERAL EDUCATION COURSES (41 CREDITS)

6LQFH VRPH UHFRPPHQGHG FRXUVHV IXO4OO PRUH WKDQ RQH requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) to IXO4OO JHQHUDO HGXFDWLRQ UHTXLUHPHQWV LQ FRPPXQLFDWLRQV DUWV and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and computing literacy) may be found on p. 8.

Note: ([FHVV FUHGLW HDUQHG LQ IXO4OOLQJ DQ\ JHQHUDO HGXFDWLRQ requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(3 3URJUDP DQG &DUHHU ([SORUDWLRQ LQ

Laboratory Management

If you have completed the required lower-level coursework for the laboratory management major—either within an Associate of Applied Science degree program at a community college with which UMGC has an articulation agreement or within another appropriate transfer program, you may seek an academic major in laboratory management. Consult an advisor before electing this major.

Major in Laboratory Management

In this one-of-a-kind laboratory management program, you'll prepare to coordinate and manage laboratories in rapidly JURZLQJ ELRORJLFDO DQG WHFKQLFDO 4HOGV

UMGC's program in laboratory management is unique in 0DU\ODQG QR RWKHU XQLYHUVLW\ LQ WKH UHJLRQ RIIHUV D degree program in laboratory management. Yet the need within the biotechnology industry for employees with both VFLHQWL4F DQG PDQDJHPHQW VNLOOV LV JUHDW

The laboratory management major will help you prepare to coordinate the activities that contribute to a well-ordered labo - UDWRU\ E\ FRPELQLQJ DQ LQ GHSWK VWXG\ RI VFLHQWL4F FRQFHSWV DQG procedures with hands-on laboratory management practice.

What You'll Learn

Through your coursework, you will learn how to

- Create a healthy, safe, and productive workplace by appro - priately hiring, training, supporting, and evaluating labora - tory personnel
- Plan, organize, and direct the daily work activities of a labo - ratory setting by working independently and as a member of a team
- &RPPXQLFDWH LQ D FOHDU ZHOO R-UJDQL]HG PDQQHU WKDW H•HF WLYHO\ SHUVXDGHV LQIRUPV DQG FODUL4HV LGHDV LQIRUPDWLRQ DQG ODERUDWRU\ WHFKQLTXHV SURFHGXUHV WR VWD• WKH VFLHQWL4F community, and the public
- Practice ethical standards of integrity, honesty, and fairness as a laboratory manager
- Monitor and maintain laboratory-related documentation, HTXLSPHQW DQG VXSSOLHV QHFHVVDU\ IRU FRQGXFWLQJ H]FLHQW VDIH FRVW H•HFWLYH DQG K\JLHQLF ODERUDWRU\ RSHUDWLRQV
- 0DQDJH VFLHQWL4F DQG ODERUDWRU\ SUDFWLFHV DQG SURFHGXUHV by complying with and adhering to national, state, and local standards, policies, protocols, and regulations

Your Coursework in Laboratory Management

–Q \RXU FRXUVHV \RX OO EXLOG RQ WKH WHFK NQRZOHGJH JDLQHG WKURXJK SULRU VWXG\ DQ LQ WKH 4HOG 7KH FXUULFXOXP SURYLGHV LQ C concepts and procedures, as well as management skills related to inventory, budget, personnel, and operations.

COURSEWORK EXAMPLES

In past projects, students have had the opportunity to

- Develop a workload tracking system for laboratory inven - tory, equipment, and personnel training
- Critique a case study involving violations of safe practices and breaches of regulatory compliance
- Compile a laboratory training manual to be used by all new lab employees

(H KV DO RU PVV GHJ RXW

A degree with a major in laboratory management requires the successful completion of 120 credits of coursework, includ - ing 36 credits for the major; 41 credits in general education requirements; and 43 credits in the minor, electives, and other degree requirements. You must also complete all related required coursework, which may be applied to general education or elective requirements, as part of the 120 credits required for the degree. At least 18 credits in the major must be earned in upper-level courses (numbered 300 or above). See p. 9 for information on overall degree requirements.

COURSES IN THE MAJOR (36 CREDITS)

BIOL 325	Inquiries in Biological Science (3)
BMGT 364	Management and Organization Theory (3)
)–1 &	)LQDQFH IRU WKH 1RQ4QDQFLDO 0DQDJ
NSCI 301	Laboratory Management and Safety (3)
BIOL 486A/B	Workplace Learning in Biology (6)

GENERAL EDUCATION COURSES (41 CREDITS)

Legal Studies

You may seek an academic major in legal studies.

Major in Legal Studies

Gain the knowledge, skills, and ethical principles you need to research and produce legal information and documents or prepare for law school by pursuing a bachelor's degree in legal studies.

In the legal studies major, you'll acquire the tools you need to FRQ4GHQWO\ DQG FRPSHWHQWO\ WKULYH LQ OHJDO HQYLURQPHQWV LQ WKLV program, you'll learn to produce and review legal forms and documents, apply statutes to legal cases, and assess fact patterns.

With your degree, you'll be equipped to conduct legal analysis, draft various types of legal documents, and perform research in the legal environment.

What You'll Learn

Through your coursework, you will learn how to

- Conduct research using appropriate resources to identify relevant, current legal authority
- 'UDIW GRFXPHQWV WKDW UH5HFW F-ULWLFDO WKLQNLQJ DQG OHJDO UHDsoning to inform, evaluate, and advocate on legal issues
- Apply an understanding of legal concepts and procedures to H]FLHQWO\ DQG HWKLFDOO\ VXSSRUW WKH UHVROXWLRQ RI OHJDO GLVSXWHV
- Synthesize relevant information and complete a wide variety of forms and documents used to meet client objectives

Your Coursework in Legal Studies

–Q \RXU OHJDO VWXGLHV FRXUVHV \RX OO H[DPLQH WKH RUJDQL]DWLRQ function, and processes of the lawmaking institutions in the U.S. legal system, as well as the role of the paralegal in the legal system and the governing rules of legal ethics.

COURSEWORK EXAMPLES

In past projects, students have had the opportunity to

- Draft legal forms, such as petition for divorce, power of DWWRUQH\ DQG LGHQWL4FDWLRQ ÐQG HYDOXDWLRQ RI HVWDWH SURSerty, for submission to court, using legal terms and nomen - clature, as well as knowledge of a particular case
- Review the elements of a statute and assess its application to a set of facts
- Review a current case or statutory law and produce a legal theory, approach, or case study to support a hypothetical client's case

(IKVII 6IUYMVIQIRXW

A degree with a major in legal studies requires the successful completion of 120 credits of coursework, including 33 credits for the major; 41 credits in general education requirements; and 46 credits in the minor, electives, and other degree requirements. At least 17 credits in the major must be earned in upper-level courses (numbered 300 or above). See p. 9 for information on overall degree requirements.

COURSES IN THE MAJOR (33 CREDITS)

LGST 101 Introduction to Law (3)
LGST 200 Techniques of Legal Research (3)
LGST 201 Legal Writing (3)
LGST 204 Legal Ethics (3)LGST 204

33 credits for the major; 41 credits in general education requirements; and 46 credits in the minor, electives, and other degree requirements. You must also complete all related required coursework, which may be applied to general education or elective requirements, as part of the 120 credits required for the degree. At least 17 credits in the major must be earned in upper-level courses (numbered 300 or above). See p. 9 for information on overall degree requirements.

COURSES IN THE MAJOR (33 CREDITS)

BMGT 110	Introduction to Business and Management (3)
ACCT 301	Accounting for Nonaccounting Managers (3)
	or ACCT 220 Principles of Accounting I
BMGT 364	Management and Organization Theory (3)
BMGT 365	Organizational Leadership (3)
BMGT 464	Organizational Behavior (3)
	or BMGT 465 Organizational Development and Transformation
BMGT 317	Decision Making (3)
BMGT 305	Knowledge Management (3)
	or any upper-level ACCT, BMGT, FINC, HRMN, or MRKT course
BMGT 304	Managing E-Commerce in Organizations (3)
	or any upper-level ACCT, BMGT, FINC, HRMN, or MRKT course
BMGT 484	Managing Teams in Organizations (3)
	or any upper-level ACCT, BMGT, FINC, HRMN, or MRKT course
BMGT 496	Business Ethics (3)
BMGT 485	Leadership for the 21st Century (3)

RELATED REQUIRED COURSES

Note: The following required courses may be applied to general education or elective requirements.

ECON 201	Principles of Macroeconomics
	or ECON 203 Principles of Microeconomics
IFSM 300	Information Systems in Organizations
STAT 200	Introduction to Statistics

GENERAL EDUCATION COURSES (41 CREDITS)

Since some required courses fulfill more than one requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) to fulfill general education requirements in communications, arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and computing literacy) may be found on p. 8.

Note: Excess credits earned in fulfilling any requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

PACE 111	Problem Analysis and Computer Exploration in Business (3)
	or other PACE 111 course
	with the exception of 4ULV FUHGLWV
LIBS 150	Introduction to Research (1)
	or CAPL 398A Career Planning Management
	or other general education elective
IFSM 300	Information Systems in Organizations (3)
	related requirement for the major

Communications Courses

RELATED REQUIRED COURSES

Note: The following required courses may be applied to general education or elective requirements.

ECON 201	Principles of Macroeconomics
ECON 203	Principles of Microeconomics
IFSM 300	Information Systems in Organizations

GENERAL EDUCATION COURSES (41 CREDITS)

Since some of these courses fulfill more than one requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) to fulfill general education requirements in writing and communications, math, arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and computing literacy) may be found on p. 8.

Note: Excess credit earned in fulfilling a general education requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

PACE 111	Business (3) or other PACE 111 course
LIBS 150	Introduction to Research (1) or CAPL 398A Career Planning Management or other general education elective
IFSM 300	Information Systems in Organizations (3)

Communications Courses

WRTG 111	Academic Writing I (3) or other writing course
WRTG 112	Academic Writing II (3)
SPCH 100	Foundations of Oral Communication (3) or other communication, writing, or speech course
WRTG 391	Advanced Research Writing (3) or other advanced upper-level writing course

Math Course

MATH 105	Topics for Mathematical Literacy (3) or other approved math or statistics course

Arts and Humanities Courses

HIST 125	Technological Transformations (3) or other arts and humanities course
HUMN 100	Introduction to Humanities (3) or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 201	Principles of Macroeconomics (3)
ECON 203	Principles of Microeconomics (3)

Biological and Physical Sciences Courses

BIOL 101 and BIOL 102	Concepts of Biology (3) Laboratory in Biology (1) or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3) or other science lecture course

MINOR AND ELECTIVE COURSES (42 CREDITS)

Total credits for BS in Marketing 120

Minor in Marketing

The marketing minor complements the skills you gain in your major discipline by enhancing the knowledge and skills related to marketing situations and processes and the emerging global marketplace.

Courses in the Minor (15 Credits)

A minor in marketing requires the completion of 15 credits of coursework in marketing. All MRKT courses apply. It is recommended that you take MRKT 305 as the first course in the minor (if you have not already applied the course toward other degree requirements).

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

Career Preparation

This program is designed to help prepare you for a career in marketing management, marketing research, or sales in private and public corporations, marketing agencies, or entrepreneurial endeavors.

Mathematical Sciences

You may seek an academic minor in mathematical sciences.

Minor in Mathematical Sciences

The mathematical sciences minor complements the skills you gain in your major discipline by developing skills in solving

NURS 462	Nursing Care of the Family and Community (4)
NURS 485	Leadership and Management in Professional Nursing Practice (4)

Personal Financial Planning

3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(& 3URJUDP DQG &DUHHU ([SORUDWLRQ LQ Communication/Humanities (3)
or other PACE 111 course
WR EH WDNHQ LQ 4UVW FUHGLWV

LIBS 150 Introduction to Research (1)
or CAPL 398A Career Planning Management
or other general education elective

CMIS 111 Social Networking and Cybersecurity Best Practices (3)
or another computing course appropriate to the academic major

Communications Courses

WRTG 111 Academic Writing I (3)
or other writing course

WRTG 112 Academic Writing II (3)

SPCH 100 Foundations of Oral Communication (3)
or other communication, writing, or speech course

WRTG 391 Advanced Research Writing (3)
or other advanced upper-level writing course

Math Course

MATH 105 Topics for Mathematical Literacy (3)
or other approved math or statistics course

Arts and Humanities Courses

HIST 125 Technological Transformations (3)
or other arts and humanities course

HUMN 100 Introduction to Humanities (3)
or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103 Economics in the Information Age (3)
or other behavioral and social sciences course

BEHS 103 Technology in Contemporary Society (3)
or other behavioral and social sciences course 3) Techempcept Oraly0 TyLy)

GENERAL EDUCATION COURSES (41 CREDITS)

6LQFH VRPH UHFRPPHQGHG FRXUVHV IXO4OO PRUH WKDQ RQH requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) WR IXO4OO JHQHUDO HGXFDWLRQ UHTXLUHPHQWV LQ FRPPXQLFDWLRQV arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and comput - ing literacy) may be found on p. 8.

Note: ([FHVV FUHGLW HDUQHG LQ IXO4OOLQJ DQ\ JHQHUDO HGXFDWLRQ requirement (e.g., by taking a 4-credit course where only 3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(6 3URJUDP DQG &DUHHU ([SORUDWLRQ Major discipline Health and Sciences (3)
or other PACE 111 course

WR EH WDNHQ LQ 4UVW FUHGLWV

LIBS 150 Introduction to Research (1)
or CAPL 398A Career Planning Management
or other general education elective

CMST 301 Digital Media and Society
or another computing course appropriate to the academic major

Communications Courses

WRTG 111 Academic Writing I (3)
or other writing course

WRTG 112 Academic Writing II (3)

SPCH 100 Foundations of Oral Communication (3)
or other communication, writing, or speech course

WRTG 391 Advanced Research Writing (3)
or other advanced upper-level writing course

Math Course

STAT 200 Introduction to Statistics (3)

UHODWHG UHTXLUHPHQW IRU WKH PDMRU

Arts and Humanities Courses

HIST 125 Technological Transformations (3)
or other arts and humanities course

HUMN 100 Introduction to Humanities (3)
or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103 Economics in the Information Age (3)
or other behavioral and social sciences course

BEHS 103 Technology in Contemporary Society (3)
or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101 Concepts of Biology (3)
and BIOL 102 Laboratory in Biology (1)
or NSCI 100 Introduction to Physical Science
and NSCI 101 Physical Science Laboratory
or other paired science lecture and laboratory courses taken in the same session

GEOL 100 Physical Geology (3)
or other science lecture course

MINOR AND ELECTIVE COURSES (46 CREDITS)

Total credits for BS in Psychology 120

Minor in Psychology

The psychology minor complements the skills you gain in your major discipline by investigating the nature of mind and behav - ior, including the biological basis of behavior, perception, mem - RU\ DQG FRJQLWLRQ WKH LQ5XHQFH RI HQYLURQ forces on the individual, personality, and lifespan development and adjustment; research methods; and statistical analysis.

Courses in the Minor (15 Credits)

A minor in psychology requires the completion of 15 credits of coursework in psychology as follows.

One of the following foundation courses (3):

PSYC 100 Introduction to Psychology
PSYC 300 Research Methods in Psychology
STAT 200 Introduction to Statistics

One course from each of the following groupings:

Biological (3): PSYC 301, PSYC 310, PSYC 341
Social (3): PSYC 321, PSYC 351, PSYC 354
Professional (3): PSYC 335, PSYC 353, PSYC 436

An additional PSYC course (3)

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

Career Preparation

This program is designed to help prepare you for graduate study, research, or direct services work at a mental health or medical facility. It can also provide useful skills for work in UHODWHG 4HOGV VXFK DV KXPDQ UHVRXUFHV relations, or program management.

Small Business Management and Entrepreneurship

You may seek an academic minor in small business manage - ment and entrepreneurship.

Minor in Small Business Management and Entrepreneurship

The small business management and entrepreneurship minor complements the skills you gain in your major discipline by helping you develop your ability to start and operate a success

COURSEWORK EXAMPLES

In past projects, students have had the opportunity to

- Prepare a professional research poster that could be pre - sented at a professional conference
- Learn about the methodologies commonly employed across

CMST 301	Digital Media and Society (3) or another computing course appropriate to the academic major
Communications Courses	
WRTG 111	Academic Writing I (3) or other writing course
WRTG 112	Academic Writing II (3)
SPCH 100	Foundations of Oral Communication (3) or other communication, writing, or speech course
WRTG 391	Advanced Research Writing (3) or other advanced upper-level writing course
Math Course	
STAT 200	Introduction to Statistics (3) UHODWHG UHTXLUHPHQW IRU WKH PDMRU
Arts and Humanities Courses	
HIST 125	Technological Transformations (3) or other arts and humanities course
HUMN 100	Introduction to Humanities (3) or other arts and humanities course
Behavioral and Social Sciences Courses	
ECON 103	Economics in the Information Age (3) or other behavioral and social sciences course
BEHS 103	Technology in Contemporary Society (3) or other behavioral and social sciences course
Biological and Physical Sciences Courses	
BIOL 101 and BIOL 102	Concepts of Biology (3) Laboratory in Biology (1) or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3) or other science lecture course
MINOR AND ELECTIVE COURSES (49 CREDITS)	
EDTP 500	Professional Fundamentals of Teaching and Learning (6) IRU TXDOL4HG VWXGHQWV ZKR SODQ WR HQWHU WKH MAT program at UMGC; students should note SUHUHTXLVLWHV DQG FRQVXOW DQ DGYLVRU
EDTP 535	Adolescent Development and Learning Needs (6) IRU TXDOL4HG VWXGHQWV ZKR SODQ WR HQWHU WKH MAT program at UMGC; students should note SUHUHTXLVLWHV DQG FRQVXOW DQ DGYLVRU
Total credits for BS in Social Science	120

Career Preparation

This program is designed to help prepare you for careers in policy analysis, research, program development, and man - DJHPHQW LQ 4HOGV WKDW LQFOXGH EXVLQHV care, government, health services, law enforcement, human resources, and community service.

Sociology

You may seek an academic minor in sociology.

Minor in Sociology

The sociology minor complements the skills you gain in your major discipline by providing a study of contemporary socio - logical theory and research and applying it to social issues, including globalization, social inequality, diversity, health care, education, family, work, and religion.

Courses in the Minor (15 Credits)

A minor in sociology requires the completion of 15 credits of coursework in sociology. All SOCY courses apply. It is recom - PHQGHG WKDW \RX WDNH 62&< DV WKH 4UV (if you have not already applied the course toward other degree requirements).

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

Software Development and Security

You may seek an academic major in software development and security.

Major in Software Development and Security

Enhance your programming skill set by pursuing a bachelor's degree in software development and security.

The major in software development and security at UMGC is designed to teach you programming languages and best practices in software development that are in demand today in the workplace. Study also focuses on the critical element of VRIWZDUH VHFXULW\ SURYLGLQJ VNLOOV LQ KRZ WR 4QG DQG DGGUHVV possible vulnerabilities.

What You'll Learn

Through your coursework, you will learn how to

- Work individually or in a team to design, develop, imple - ment, and test secure software using leading industry prac - tices and standards to meet user requirements
- Plan, manage, document, and communicate all phases of a secure software development project as part of a software development team
- 8VH DSSURSULDWH WRROV WR DVVHVV DQG DQDO\]H H[LVWLQJ DSSOLFD tions for weaknesses and vulnerabilities and implement techniques for mitigating security threats and risks
- Identify and respond to threats and attacks to minimize risk and protect privacy

Your Coursework in Software Development and Security

Your software development and security courses will focus on developing your skills using multiple programming languages and relational databases while maintaining component security using industry and government best practices. You'll learn to design, develop, and test secure software applications, conduct software penetration testing, and provide recommendations for reducing computer security risks.

COURSEWORK EXAMPLES

In past projects, students have had the opportunity to

•

3 credits are required) may be applied toward the research and computing literacy requirement.

Research and Computing Literacy Courses

3$&(7	3URJUDP DQG &DUHHU ([SORUDWLRQ (3)
	Technology (3)
	or other PACE 111 course
	WR EH WDNHQ LQ 4UVW FUHGLWV
LIBS 150	Introduction to Research (1)
	or CAPL 398A Career Planning Management
	or other general education elective
CMIS 102	Introduction to Problem Solving
	and Algorithm Design (3)
	SUHUHTXLVLWH WR ODWHU FRXUVH

Communications Courses

WRTG 111	Academic Writing I (3)
	or other writing course
WRTG 112	Academic Writing II (3)
SPCH 100	Foundations of Oral Communication (3)
	or other communication, writing, or speech course
WRTG 393	Advanced Technical Writing (3)
	or other advanced upper-level writing course

Math Course

MATH 107	College Algebra (3)
	or other approved math or statistics course

Arts and Humanities Courses

HIST 125	Technological Transformations (3)
	or other arts and humanities course
HUMN 100	Introduction to Humanities (3)
	or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103	Economics in the Information Age (3)
	or other behavioral and social sciences course
BEHS 103	Technology in Contemporary Society (3)
	or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101	Concepts of Biology (3)
and BIOL 102	Laboratory in Biology (1)
	or NSCI 100 Introduction to Physical Science
	and NSCI 101 Physical Science Laboratory
	or other paired science lecture and laboratory
	courses taken in the same session
GEOL 100	Physical Geology (3)
	or other science lecture course

MINOR AND ELECTIVE COURSES (46 CREDITS)

Total credits for BS in Software Development and Security 120

Career Preparation

The program is designed to help prepare you for technical and leadership roles in diverse application development and security settings, including areas such as security analysis, security management, application and software architecture, information security, intrusion analysis, penetration testing, programming, engineering, security and code auditing, and system architecture.

Speech Communication

You may seek an academic minor in speech communication.

Minor in Speech Communication

The minor in speech communication complements the skills you gain in your major discipline by developing communica - tion skills, particularly oral communication, as well as providing a greater understanding of human interaction in a variety of SHUVRQDO DQG SURIHVVLRQDO FRQWH[WV

Courses in the Minor (15 Credits)

A minor in speech communication requires the completion of 15 credits of coursework in speech communication. All SPCH and COMM courses apply, but at least 9 credits must be earned in SPCH courses. It is recommended that you take &200 DQG 63&+ DV WKH 4UVW FRXUVHV (if you have not already applied the courses toward other degree requirements).

Courses already applied toward other degree requirements (e.g., major or general education) may not be applied toward the minor. At least 9 credits must be earned in upper-level courses (numbered 300 or above). Prerequisites apply for all courses.

For a listing of all the requirements for the bachelor's degree, refer to your major and pp. 8–9.

Terrorism and Critical Infrastructure

You may seek an academic minor in terrorism and critical infrastructure.

Minor in Terrorism and Critical Infrastructure

The terrorism and critical infrastructure minor complements the knowledge and skills you develop in your major discipline by offering you an understanding of the principal components of protecting both public and private critical infrastructure from acts of terrorism.

Courses in the Minor (15 Credits)

A minor in terrorism and critical infrastructure requires the completion of 15 credits of coursework focusing on terrorism and critical infrastructure, chosen from the following courses:

ASSOCIATE OF ARTS DEGREE

The curricula and courses listed below are available only to full-time active-duty servicemembers, selected reservists, National Guard members, Commissioned Corps members of the U.S. Public Health Service and the National Oceanic and Atmospheric Administration, spouses and children of any of the aforementioned servicemembers, veterans, spouses and children of veterans, students who began an associate degree with UMGC overseas and have now relocated stateside, UMGC employees, and spouses and children of UMGC employees.

ASSOCIATE OF ARTS DEGREE

through UMGC must be earned in core or core-related courses for the chosen curriculum. If you anticipate seeking a bachelor's degree, you should select courses that will advance that goal.

Second Associate Degree

If you have already received an associate degree from UMGC or from another approved institution, you can broaden your edu - cation by earning a second associate degree with coursework LQ RU UHODWHG WR D GL•HUHQW DFDGHPLF FRUH DUHD

<RX PXVW KDYH UHFHLYHG WKH 4UVW DVVRFLDWH GHJUHH WR EH HOLJLEOH to begin the second. For a second associate degree, you must complete at least 15 credits of new coursework with UMGC (including at least 9 credits in the core or core-related area, depending on the degree program). The 15 new credits must be uniquely applicable to the second AA curriculum.

Before beginning work toward a second associate degree, you must request an academic advisement report (discussed on p. 209).

You may not earn two degrees at the same level (e.g., associate degree level) at the same time using the same credit. Consult an academic advisor for more information on earning a second associate degree.

What You'll Learn

Through your coursework, you will learn how to

- Communicate orally and in writing in a clear, well-organized manner
- Conduct academic research
- Think critically

General Curriculum

The Associate of Arts general curriculum is for adult students who wish to pursue their own educational goals.

6IUYMVIQIRXW JSV XLI +IRIVEP 'YVVMGYPYQ

In the general curriculum, you may choose related courses from VHYHUDO GLVFLSOLQHV H[SORUH VHYHUDO LQWHUHVWV DW RQFH RU FKRRVH D YDULHW\ RI FRXUVHV IURP 80*& V R•HULQJV 7KH UHVSRQVLELOLW\ for developing a curriculum that meets your intended learning outcomes is yours. You are encouraged to seek assistance from academic advisors in arranging your curriculum as appropriate to your personal interests and future educational plans.

COURSES IN THE GENERAL CURRICULUM (25 CREDITS)

Curriculum courses (12)
Elective courses (13)

GENERAL EDUCATION COURSES (35 CREDITS)

6LQFH VRPH UHFRPPHQGHG FRXUVHV IXO4OO PR requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) to IXO4OO JHQHUDO HGXFDWLRQ UHTXLUHPHQWV and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and computing literacy) may be found on p. 83.

Research and Computing Literacy Courses

LIBS 150	Introduction to Research (1)
IFSM 201	Concepts and Applications of Information Technology (3) or CMST 301 Digital Media and Society

Communications Courses

WRTG 111	Academic Writing I (3) or other writing course
WRTG 112	Academic Writing II (3)
SPCH 100	Foundations of Oral Communication (3) or other communication, writing, or speech course

Math Course

MATH 105	Topics for Mathematical Literacy (3) or other approved math or statistics course

Arts and Humanities Courses

HIST 125	Technological Transformations (3) or other arts and humanities course
HUMN 100	Introduction to Humanities (3) or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103	Economics in the Information Age (3)

Specialized Curricula

The Associate of Arts specialized curricula are for adult stu - GHQWV ZKR ZLVK WR SXUVXH D VSHFL4F FDUHHU RU HGXFDWLRQDO JRDO often as a basis for further study toward the bachelor's degree. Specialized curricula are recommended but optional within the AA degree in General Studies. You should take careful note of course prerequisites and recommended course sequences. Curricula may be available only in limited geographic areas.

Accounting Curriculum

Within the overall outcomes of the AA degree in General Stud - ies (listed on p. 84), the specialized curriculum in account - ing will help you demonstrate competencies in fundamental accounting practices to transition toward a bachelor's degree LQ DFFRXQWLQJ DQG UHODWHG 4HOGV

COURSES IN THE ACCOUNTING CURRICULUM (25 CREDITS)

ACCT 220 Principles of Accounting I (3)
ACCT 221 Principles of Accounting II (3)
Any ACCT or FINC courses (9)

Accounting or business courses (9)—Chosen from the following:

BMGT 110 Introduction to Business and Management
BMGT 380 Business Law I
BMGT 381 Business Law II
BMGT 496 Business Ethics
CMIS 102 Introduction to Problem Solving and Algorithm Design
ECON 201

ASSOCIATE OF ARTS DEGREE

Business and Management Curriculum

Within the overall outcomes of the AA degree in General Studies (listed on p. 84), the specialized curriculum in business and management will help students utilize core business concepts and principles to pursue related professional goals.

COURSES IN THE BUSINESS AND MANAGEMENT CURRICULUM (25 CREDITS)

BMGT 110 Introduction to Business and Management (3)
ACCT 220 Principles of Accounting I (3)
ACCT 221 Principles of Accounting II (3)

Business courses (12)—Chosen from any ACCT, BMGT, CMIS, ECON, FINC, HMGT, HRMN, IFSM, or MRKT courses; any 3-credit CMST courses; STAT 200 (if not applied to general education requirements); and PSYC 321

Elective courses (4)—Courses that may be applicable to the BS in Business Administration are recommended.

GENERAL EDUCATION COURSES (35 CREDITS)

Since some general education courses fulfill more than one requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) to fulfill general education requirements in communications, arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and computing literacy) may be found on p. 83.

Research and Computing Literacy Courses

LIBS 150 Introduction to Research (1)
Or be taken in first 45 credits
IFSM 201 Concepts and Applications of Information Technology (3)
or CMST 301 Digital Media and Society

Communications Courses

WRTG 111 Academic Writing I (3)
or other writing course
WRTG 112 Academic Writing II (3)
SPCH 100 Foundations of Oral Communication (3)
or other communication, writing, or speech course

Math Course

STAT 200 Introduction to Statistics (3)
(related requirement for the BS in Business Administration)

Arts and Humanities Courses

HIST 125 Technological Transformations (3)
or other arts and humanities course
HUMN 100 Introduction to Humanities (3)
or other arts and humanities course

Research and Computing Literacy Courses

LIBS 150	Introduction to Research (1) WR EH WDNHQ LQ 4UVW FUHGLWV
IFSM 201	Concepts and Applications of Information Technology (3) or CMST 301 Digital Media and Society

Communications Courses

WRTG 111	Academic Writing I (3) or other writing course
WRTG 112	Academic Writing II (3)
SPCH 100	Foundations of Oral Communication (3) or other communication, writing, or speech course

Math Course

MATH 107	College Algebra (3) or other approved math or statistics course

Arts and Humanities Courses

HIST 125	Technological Transformations (3) or other arts and humanities course
HUMN 100	Introduction to Humanities (3) or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103	Economics in the Information Age (3) or other behavioral and social sciences course
BEHS 103	Technology in Contemporary Society (3) or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101	Concepts of Biology (3)
and BIOL 102	Laboratory in Biology (1) or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3) or other science lecture course

Total credits for AA in General Studies with computer studies curriculum	60

Criminal Justice Curriculum

Within the overall outcomes of the AA degree in General Studies (listed on p. 84), the specialized curriculum in criminal justice will help you apply knowledge of the criminal justice system to advance your professional and educational goals.

ASSOCIATE OF ARTS DEGREE

Biological and Physical Sciences Courses

BIOL 101	Concepts of Biology (3)
and BIOL 102	Laboratory in Biology (1)
	or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory
	or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3)
	or other science lecture course

Total credits for AA in General Studies with criminal justice curriculum 60

Foreign Language Area Studies Curriculum

Within the overall outcomes of the AA degree in General Studies (listed on p. 84), the specialized curriculum in foreign language area studies will help you develop intermediate foreign language skills and related cultural knowledge in a variety of personal and professional settings.

– If you have previous experience in the foreign language you wish to study, contact the department at languages@umgc.edu about a placement test.

COURSES IN THE FOREIGN LANGUAGE AREA STUDIES CURRICULUM (25 CREDITS)

Language core courses (12)—Sequential courses in a single language, usually numbered 111–112 and 114–115 (or 211–212)
Related area studies courses (12)—Any courses in the culture, history, language, literature, or government and politics of the area. See specific courses for each language area.
Elective course (1)

GENERAL EDUCATION COURSES (35 CREDITS)

Since some recommended courses fulfill more than one requirement, substituting courses for those listed may require you to take additional courses to meet degree requirements. Consult an advisor whenever taking advantage of other options. Information on alternate courses (where allowable) to fulfill general education requirements in communications, arts and humanities, behavioral and social sciences, biological and physical sciences, mathematics, and research and computing literacy) may be found on p. 83.

Research and Computing Literacy Courses

LIBS 150	Introduction to Research (1)
	or other 4-credit course
IFSM 201	Concepts and Applications of Information Technology (3)
	or CMST 301 Digital Media and Society

Communications Courses

WRTG 111	Academic Writing I (3)
	or other writing course
WRTG 112	Academic Writing II (3)
SPCH 100	Foundations of Oral Communication (3)
	or other communication, writing, or speech course

Math Course

MATH 105	Topics for Mathematical Literacy (3)
	or other approved math or statistics course

Arts and Humanities Courses

HIST 125	Technological Transformations (3)
	or other arts and humanities course
HUMN 100	Introduction to Humanities (3)
	or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103	Economics in the Information Age (3)
	or other behavioral and social sciences course
BEHS 103	Technology in Contemporary Society (3)
	or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101	Concepts of Biology (3)
and BIOL 102	Laboratory in Biology (1)
	or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory
	or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3)
	or other science lecture course

Total credits for AA in General Studies with foreign language area studies curriculum 60

Legal Studies Curriculum

Within the overall outcomes of the AA degree in General Studies (listed on p. 84), the specialized curriculum in legal studies will help you acquire knowledge of legal systems to advance your professional and educational goals.

COURSES IN THE LEGAL STUDIES CURRICULUM (25 CREDITS)

LGST 101 Introduction to Law (3)

ASSOCIATE OF ARTS DEGREE

Communications Courses

WRTG 111	Academic Writing I (3)
	or other writing course
WRTG 112	Academic Writing II (3)
SPCH 100	Foundations of Oral Communication (3)
	or other communication, writing, or speech course

Math Course

STAT 200	Introduction to Statistics (3)
	(related requirement for the BS in Management
	6 W X G L H V

Arts and Humanities Courses

HIST 125	Technological Transformations (3)
	or other arts and humanities course
HUMN 100	Introduction to Humanities (3)
	or other arts and humanities course

Behavioral and Social Sciences Courses

ECON 103	Economics in the Information Age (3)
	or other behavioral and social sciences course
BEHS 103	Technology in Contemporary Society (3)
	or other behavioral and social sciences course

Biological and Physical Sciences Courses

BIOL 101	Concepts of Biology (3)
and BIOL 102	Laboratory in Biology (1)
	or NSCI 100 Introduction to Physical Science
	and NSCI 101 Physical Science Laboratory
	or other paired science lecture and laboratory
	courses taken in the same session
GEOL 100	Physical Geology (3)
	or other science lecture course

Total credits for AA in General Studies with management studies curriculum 60

Mathematics Curriculum

Within the overall outcomes of the AA degree in General Studies (listed on p. 84), the specialized curriculum in mathematics will help you employ appropriate mathematical methods and technologies to accomplish quantitative tasks in your SURIHVVLRQDO DQG HGXFDWLRQDO FRQWH[WV

COURSES IN THE MATHEMATICS CURRICULUM (25 CREDITS)

MATH 140	Calculus I (4)
MATH 141	Calculus II (4)
MATH 241	Calculus III (4)
MATH 340	Linear Algebra (4)
	RU 0$7+ 'L•HUHQWLDO (TXDWLRQV
STAT 200	Introduction to Statistics (3)

Mathematics-related course (3)—Chosen from the following:

Any ACCT or FINC course
CHEM 103

BEHS 103	Technology in Contemporary Society (3) or other behavioral and social sciences course
Biological and Physical Sciences Courses	
BIOL 101 and BIOL 102	Concepts of Biology (3) Laboratory in Biology (1) or NSCI 100 Introduction to Physical Science and NSCI 101 Physical Science Laboratory or other paired science lecture and laboratory courses taken in the same session
GEOL 100	Physical Geology (3) or other science lecture course

Total credits for AA in General Studies with mathematics curriculum 60

Psychology Curriculum

ASSOCIATE OF ARTS DEGREE

Women's Studies Curriculum

Within the overall outcomes of the AA degree in General Studies (listed on p. 84), the specialized curriculum in women's studies will help you develop knowledge of the history, sta-

Computer Networking

$ FHUWL4FDWH LQ FRPSXWHU QHWZRUNLQJ FDQ JLYH \RX WKH EDVLF bachelor's degree or help you build knowledge and experi - HQFH LQ WKLV LQ GHPDQG 4HOG

Perfect for those who want to work as network administra - WRUV IRU EXVLQHVV JRYHUQPHQW RU QRQSURIW RUJDQL]DWLRQV WKH XQGHUJUDGXDWH FHUWL4FDWH SURJUDP 7LQH FRPSXWHU QHWZRUNLQJ UMGC can provide you with hands-on training in state-of-the-art computer technology.

7KURXJK WKH FRPSXWHU QHWZRUNLQJ FHUWL4FDWH SURJUDP \RX OO learn about the fundamental aspects of computer trouble - shooting, networking, network security, interconnected Cisco GHYLFHV DQG :LQGRZV VHUYHU LQVWDOODWLRQ DQG FRQ4JXUDWLRQ Plus, you'll get a chance to choose from upper-level courses so you can tailor your degree to your career goals.

2YHUDOO FHUWL4FDWH UHTXLUHPHQWV D1VH QDYWHG RQ S4FDWH UHTXLUHPHQWV DUH OL

Computer Networking

Certificate Requirements			Credits
Note: &RXUVHV PD\ EH DSSOLHG WR RQO\ RQH FHUWL4FDWH VRPH SUHUHTXLVLWHV PD\ QHHG WR EH IXO4OOHG EHIRUH courses.			
Five required courses:			
CMIT	202	Fundamentals of Computer Troubleshooting	3
CMIT	265	Fundamentals of Networking	3
CMIT	320	Network Security	3
CMIT	350	Interconnecting Cisco Devices	3
CMIT	369	Windows Server: Install and Storage	3
A supporting elective chosen from any upper-level CMIT courses			3
Total credits for certificate in Computer Networking			18

Human Resource Management

Develop your leadership capabilities, grow your people skills, DQG DGG YDOXH WR \RXU FDUHHU E\ SXUVXLQJ human resource management.

7LQH RQ DQ XQGHUJUDGXDWH FHUWL4FDWH SURJUDP DW 8QLYHUVLW\ RI 0DU\ODQG 8QLYHUVLW\ &ROOHJH PD\ SURYLGH WKH cate program from UMGC can help provide the theoretical and practical knowledge you need to advance and skills you can apply on the job right away.

–Q \RXU +5 PDQDJHPHQW FHUWL4FDWH SURJUDP \RX OO WR UHVROYH SUREOHPV LQ WKH ZRUNSODFH YL approach the workplace and employees with a sensitivity to cultural diversity, develop programs for rewarding employees, and help employees reach their full potential.

2YHUDOO FHUWL4FDWH UHTXLUHPHQWV DUH OL

Human Resource Management

Certificate Requirements			Credits
Note: &RXUVHV PD\ EH DSSOLHG WR RQO\ RQH FHUWL4FDWH SUHUHTXLVLWHV PD\ QHHG WR EH IXO4OOHG EHIRU courses.			
Four required courses:			
BMGT	364	Management and Organization Theory	3
HRMN	300	Human Resource Management	3
HRMN	362	Labor Relations	3
HRMN	400	Human Resource Management: Issues and Problems	3
Two supporting electives chosen from the following:			6
BMGT	365	Organizational Leadership	
BMGT	464	Organizational Behavior	
BMGT	465	Organizational Development and Transformation	
HRMN	367	Organizational Culture	
HRMN	395	The Total Awards Approach to Compensation Management	
HRMN	406	Employee Training and Development	
HRMN	495	Contemporary Issues in Human Resource Management Practice	
Total credits for certificate in Human Resource Management			18

More information about certificates, including gainful employment disclosures, is available at umgc.edu/ugcertificates.

Management Foundations

Become a leader by gaining management expertise through a broad and rewarding course of study in the management foundations certificate program.

Today, many workplaces require knowledge of management principles from multiple disciplines. The undergraduate certificate program in management foundations at UMGC can help you gain knowledge through a rewarding course of study focused on decision making, problem solving, and leadership.

Spanish for Business and the Professions

Improve your communication skills for today's markets LQVLGH DQG EH\RQG WKH 8QLWHG 6WDWHV E\ SXUVXLQJ a minor in Spanish for business.

7KURXJK WKH FHUWLILFDWH SURJUDP LQ 6SDQLVK IRU %XVLQHVV DQG WKH 3URIHVVLRQV DW 80*& \RX ZLOO EHFRPH 4W IURP D FRQWLQXDWLR language and professional skills that will be valuable to enhance your résumé and prepare you to work and communi- cate in a variety of Spanish-speaking environments.

This program is ideal for those who are in a profes[illegible] o r so

INFORMATION ON COURSES

THE UNIT OF CREDIT

The unit of credit denotes the amount to be awarded for course completion, transfer of coursework from another institution, or evaluation of college-level prior learning. One credit is awarded on the basis of one of the following, according to the Code of Maryland Regulations:

- At least 15 hours (50 minutes each) of actual class meeting or the equivalent (not including registration, study days, and holidays)
- At least 30 hours (50 minutes each) of supervised laboratory or studio work or the equivalent (not including registration, study days, and holidays)
- At least 45 hours (50 minutes each) of instructional situations, such as practica, internships, and cooperative education placements, when supervision is ensured and learning is documented
- Instruction delivered by electronic media based on the equivalent outcomes in student learning, including telelessons, classroom instruction, student consultation with instructors, and readings, when supervision is ensured and learning is documented

COURSE DESCRIPTIONS

Prerequisites, normally stated in terms of numbered courses, represent the level of knowledge you are expected to have before enrolling in a given course. You may be barred from enrolling in or may be removed from courses for which you do not have the necessary prerequisites. Courses listed as corequisite are required and should be taken at the same time as the course described. Taking courses listed as recommended is advisable but not absolutely required.

It is your responsibility to check the prerequisites listed in the course description and make certain that you are academically prepared to take a course. If you did not take the prerequisite course recently, you should consult an advisor or the academic department about whether you are sufficiently prepared to perform well in a given course. Students may not enroll in courses for which they have received credit previously, to repeat material listed as being prerequisite.

Prerequisites may also be fulfilled by Prior Learning credit for the appropriate course, earned through course-challenge assessments or Portfolio Assessment (described on p. 204). Advisors can explain the procedures for seeking this credit. Some courses are not eligible for challenge examination or Portfolio Assessment, and you may not take Course Challenge assessments or seek Portfolio Assessment credit for lower-level courses that are prerequisite to courses for which you have already received credit.

WRTG 112 Academic Writing II is prerequisite to any higher-level course in English, communication studies, and writing, as well as many other advanced courses. MATH 107 College Algebra is prerequisite to any higher-level course in mathematics. Many other prerequisites for advanced courses may be found in the course descriptions.

Placement tests are not required for introductory writing (English composition) or mathematics courses (e.g., MATH 105, MATH 107, MATH 115, or STAT 200), nor do these courses require completion of prerequisite coursework. If you have prior experience in a foreign language, you may be required to take a placement test to assess appropriate level. For information on language placement tests, e-mail the department at FLANG@umuc.edu.

INFORMATION ON COURSES

The courses summarized on the following pages are listed

* Only a limited number of courses are available each session in this discipline.

The following entries describe courses offered through University of Maryland Global Campus. Requirements pertain only to degrees conferred at UMGC. To determine how these courses may transfer and be applied toward degrees offered by other institutions, you should consult those institutions. Transferability is determined by the receiving institution. In transferring

INFORMATION ON COURSES

INFORMATION ON COURSES

ACCT 438 Fraud and Forensic Accounting (3)
Prerequisite: ACCT 311. An analysis and discussion of issues relating to fraud and forensic accounting. The objective is to identify the resources for detecting fraud, evaluate the condi - WLRQV WKDW HQFRXUDJH IUDXG DQG GHYHORS HIIHFWLYH GHWHFWLRQ DQG SUHYHQWLRQ SODQV tion and prevention plans. Focus is on the perspectives of public, internal, and private accountants. Discussion covers the principles and standards for proactive and reactive investiga - tion, as well as detection and control of fraud.

ACCT 440 Forensic and Investigative Accounting (3)
Prerequisite: ACCT 320 or ACCT 438. An analysis and discus-sion of issues relating to forensic and investigative account - ing. The goal is to research and describe the use of forensic accounting evidence, identify the role of the forensic accoun - tant, apply investigative and forensic accounting practices, and SUHVHQW IRUHQVLF DFFRXQWLQJ HYLGHQFH LQ D [HURP [HURP [HURP Forensic and investigative methods, including use of auditing and technology, are demonstrated. Topics include criminal and civil litigation support, rules of evidence, and accreditation of H[SHUW ZLWQHVVHV

ACCT 452 Federal Auditing (3)
Prerequisite: ACCT 221. Recommended: ACCT 422 or ACCT 436. An overview of the federal auditing life cycle. The objective is to SODQ PDQDJH DQG H[HFXWH D IHGHUDO DXGLW LGHQWLI\ DQG HYDOX DWH SURJUDP DQG 4QDQFLDO ULVNV DQG LGHQWLI\ RSSRUWXQLWLHV IRU enhancements to operations and technology. Topics include SODQQLQJ DQG H[HFXWLQJ D IHGHUDO DXGLW FRPPXQLFDWLQJ DXGLW 4QGLQJV WR VWDNHKROGHUV SURYLGLQJ SURJUDP DQG 4QDQFLDO ULVNV LGHQWLI\LQJ DQG WHVWLQJ LQWHUQDO FRQWUROV DQG WHFKQRORJ\ PD[LPL]LQJ HFRQRP\ DQG HIIHFWLYHQHVV WKURXJK audit process, and minimizing fraud waste and abuse. Discus - sion also covers the auditing of grants and contracts.

ACCT 486A Workplace Learning in Accounting (3)
Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX ZNSO The LQWHJUDWLRQ RI GLVFLSOLQH VSHFL4F NQRZOHGJH ZLWK QHZ H[SHUL ences in the work environment. Tasks include completing a VHULHV RI DFDGHPLF DVVLJQPHQWV WKDW SDUDOOHO ZRUN H[SHULHQFHV

ACCT 486B Workplace Learning in Accounting (6)
Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX ZNSO The LQWHJUDWLRQ RI GLVFLSOLQH VSHFL4F NQRZOHGJH ZLWK QHZ H[SHUL ences in the work environment. Tasks include completing a VHULHV RI DFDGHPLF DVVLJQPHQWV WKDW SDUDOOHO ZRUN H[SHULHQFHV

ACCT 495 Contemporary Issues in Accounting Practice (3)
– QWHQGHG DV D 4QDO FDSVWRQH FRXUVH WR last 15 credits.) Prerequisites: ACCT 311, ACCT 321, ACCT 422, and BMGT 364. An intensive study of accounting that inte - grates knowledge gained through previous coursework and H[SHULHQFH DQG EXLOGV RQ WKDW FRQFHSWXD integrative analysis, practical application, and critical thinking. The aim is to use current technology, research, and analytical WRROV SUR4FLHQWO\ WR SHUIRUP DFFRXQWLQJ tions, work collaboratively, facilitate decision making, and com - PXQLFDWH WR 4QDQFLDO DQG QRQ4QDQFLDO DX researching and analyzing emerging issues in accounting, busi - QHVV WUDQVDFWLRQV DQG 4QDQFLQJ 6WXGHQ for only one of the following courses: ACCT 495 or ACCT 498C.

African American Studies

Courses in African American studies (designated AASP) may be applied as appropriate (according to individual program requirements) toward

- a minor in African American studies
- the general education requirement in behavioral and social sciences
- electives

&RPSOHWLRQ RQH\HDU RU WZR\HDU FRXUVH QXPEHU RI FRXUV in this discipline.

AASP 201 Introduction to African American Studies (3)
[QWURGXFWLRQ WR $IULFDQ $PHULFDQ 6WXGLHV 3UHVHQWV WKH JHQHUDO HGXFDWLRQ UHTXLUHP FXOWXUH 7RSLFV LQFOXGH GH4QLWLRQV RI $IULFDQ $PHULFDQ LQFXOWXUDWLRQ ZLWKLQ $PHULFDQ VRFLHW\ DQG H[SHULHQFHV ZLWK UDFLDO LQWHUGLVFLOLQDU\ VW of African American history and culture, emphasizing the devel - opment of African American communities from the Middle Passage to the present. The objective is to conduct research, apply critical thinking skills, and articulate diverse historical SHUVSHFWLYHV LQ WKH FRQWH[W RI $IULFDQ $P well as issues confronting African Americans. Students may receive credit for only one of the following courses: AASP 100 or AASP 201.

Anthropology

Courses in anthropology (designated ANTH) may be applied as appropriate (according to individual program requirements) toward

- the general education requirement in the behavioral and social sciences
- a major in East Asian studies (select courses only) or social science
- a minor in diversity awareness or East Asian studies
- electives

ANTH 101 Introduction to Biological Anthropology (3)
A survey of general patterns in the development of human culture, addressing the biological and morphological aspects of humans viewed in their cultural setting. The aim is to apply anthropological knowledge to understanding human origins and how human populations adapt to the environment. Discussions examine human evolution and adaptation and biocultural patterns in humans and other primates. Students who complete both ANTH 101 and ANTH 102 may not receive credit for ANTH 340, BEHS 340, or BEHS 341.

ANTH 102 Introduction to Cultural Anthropology (3)
A survey of social and cultural principles inherent in ethnographic descriptions. The objective is to apply anthropological knowledge of human behavior to everyday situations and problems. Students who complete both ANTH 101 and ANTH 102 may not receive credit for ANTH 340, BEHS 340, or BEHS 341.

ANTH 298 Special Topics in Anthropology (1–3)
A presentation of anthropological perspectives on selected topics of broad general interest. May be repeated to a maximum of credits when topics differ.

ANTH 345 World Prehistory and Archaeology (3)

INFORMATION ON COURSES

Arabic

Courses in Arabic (designated ARAB) may be applied as appro - priate (according to individual program requirements) toward

- the general education requirement in the arts and humanities
- electives

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ARTH 373 History of Western Art II (3)

(Formerly ARTH 371.) A survey of the development of the West - HUQ WUDGLWLRQ RI YLVXDO DUW LQ LWV YDULRXV IRUPV WKDW H[DPLQHV DQG FRPSDUHV WKH H[SUHVVLRQ RI FXOWXUDO DQG DHVWKHWLF YDOXHV in Europe and the United States from 1300 to the present day. The aim is to apply principles of visual literacy; describe, DQDO\]H DQG FRQWH[WXDOL]H FRQWHQW DQG WHFKQLTXHV RI DUW DQG GL•HUHQWLDWH KLVWRULF SHULRGV DQG VW\OHV RI DUW 6WXGHQWV FDQ receive credit for only one of the following courses: ARTH 371 or ARTH 373.

ARTH 375 History of Graphic Art (3)

Recommended: ARTH 204. A survey of the development of graphic design with an emphasis on the historical, technologi - FDO DQG VRFLRORJLFDO LQ5XHQFHV RQ WKHLU SURGXFWV 6WXGHQWV and the aesthetics of visual media. The aim is to recognize the philosophy of graphic arts, identify various movements within WKH 4HOG DQG DQDO\]H WKH LPSDFW RI JUDSKLF DUWV XSRQ YDULRXV Topics include major works and artists and cultural, social, and religious movements and their impact on graphic arts.

ARTH 478 History of Women in the Visual Arts (3)

A survey of the work, roles, and representations of women in the visual arts, from the 16th century to the present. The aim is to evaluate the role of women artists and assess the impact RI JHQGHU RQ YLVXDO DUWV DV D ZD\ WR XQGHUVWDQG WKH LQIOXHQFH LW\ DQG GLYHUVLW\ RI KXPDQ H[SHULHQFH 6WXGHQWV FDQ FRQWH[WXDOL]H on women working in the tradition of Western art in painting, sculpture, the decorative arts, performance art, photography, DQG RWKHU PHGLD DQG RQ KRZ JHQGHU EDVHG GLVFULPLQDWLRQ DQG their careers.

Asian Studies

Courses in Asian studies (designated ASTD) may be applied as appropriate (according to individual program requirements) toward

- the general education requirements in the arts and humani - ties or the behavioral and social sciences (based on course content)
- a major or minor in East Asian studies
- electives

ASTD 135 Introduction to Japanese Language and Culture (3)

(Formerly JAPN 105. Not open to students with substantial WUDLQLQJ LQ -DSDQHVH ODQJXDJH 6WXGHQWV ZLWK -DSDQHVH QR SULRU NQRZOHGJH RI -DSDQHVH- 6WXGHQWV ence with the Japanese language should take a placement test to assess appropriate level.) A hands-on, project- based introduction to Japanese language and culture. The goal is to develop cultural competency and familiarity with the history, geography, and culture of Japan and to use basic language VNLOOV WR IXQFWLRQ H•HFWLYHO\ DQG DSSURS Japan. Students may receive credit for only one of the following courses: ASTD 135 or JAPN 105.

ASTD 155 Introduction to Korean Language and C [illegible] Korean language or culture; assumes no prior knowledge RI .RUHDQ 6WXGHQWV ZLWK SULRU H[SHULHQF language should take a placement test to assess appropriate level.) A hands-on, project-based introduction to Korean lan - guage and culture. The goal is to develop cultural competence in personal interactions; demonstrate knowledge of the history, geography, and culture of Korea; and use basic language skills WR IXQFWLRQ H•HFWLYHO\ DQG DSSURSULDWHO in Korea. Students may receive credit for only one of the follow - ing courses: ASTD 155 or KORN 105.

ASTD 284 Foundations of East Asian Civilization (3)
(Formerly HIST 284.) An interdisciplinary survey of the foundations of East Asian civilization from its beginnings to the 17th century. The goal is to analyze philosophical, religious, artistic, HFRQRPLF DQG SROLWLFDO DVSHFWV RI WKH GHYHORSPHQW RI DWWLWXGHV DQG LQVWLWXWLRQV LQ WH ence. Focus is on China, Korea, and Japan. Topics include East Asian belief systems (including Confucianism and Buddhism), the dynastic cycle, relations between steppe and agrarian societies, warrior and scholar-gentry cultures, technological change and economic development, and the role of class and gender in early East Asian society. Students may receive credit for only one of the following courses: ASTD 150, ASTD 284, or HIST 284.

ASTD 285 Introduction to Modern East Asia (3)
(Formerly HIST 285.) An interdisciplinary survey of East Asia from the late 17th century—beginning with Ming-Qing China, Tokugawa Japan, and Choson Korea—to the present. The objective is to trace how transformations on global, regional, and local levels led to the development of the modern nation-states RI (DVW $VLD DQG WR H[DPLQH KRZ WKRVH GHYHORSPHQWV D•HFWHG the culture of the areas. Topics include the rise of imperialism and colonialism; cross-cultural interactions; and issues of gender, class, and ethnicity in East Asian culture. Students may receive credit for only one of the following courses: ASTD 160, ASTD 285, or HIST 285.

ASTD 302 The Two Koreas: Problems and Prospects (3)
Prerequisite: Any writing course. Recommended: ASTD 284 or ASTD 285. A thematic study of the two Koreas from historical, VRFLDO DQG IRUHLJQ SROLF\ SHUVSHFWLYHV 7KH REMHFWLYH LV WR H[DPine scholarly viewpoints on key issues of Korean history and division; articulate key factors that shape U.S. and regional policy WRZDUG 1RUWK .RUHD GLVWLQJXLVK EHWZHHQ GL•HUHQW VRXUFHV of information on the two Koreas; and interpret regional developments based on knowledge of Korean issues. Topics include the “hermit kingdom” myth; liberation, division, and war; the economic “miracle”; North Korean leadership; South and North Korean foreign relations; North Korea as a nuclear threat; and SURVSHFWV IRU D XQL4HG .RUHD)RFXV LV RQ GHYHORSLQJ D VWURQger understanding of the two Koreas for practical and professional application. Assignments require research, analysis, and a written policy or strategy recommendation.

ASTD 370 Interpreting Contemporary China (3)
Prerequisite: Any writing class. Recommended: ASTD 285. A thematic study of contemporary China from political, economic, social, and foreign policy perspectives. The objective is to iden - HFRQRPLF DQG SROLWLFDO DVSHFWV RI WKH GHYHORSPHQW RI DWWLWXGHV DQG LQVWLWXWLRQV LQ WH the Chinese economy, appraise the impact of grass-roots social movements, and distinguish factors that drive China’s foreign policy. Focus is on developing engagement strategies for various professional applications. Assignments require research, analysis, and a written policy or strategy recommendation (e.g., a policy paper or business strategy plan).

ASTD 398 Advanced Special Topics in Asian Studies (3)
An investigation of a special topic, problem, or issue of par-

BEHS 220 Diversity Awareness (3)

An examination of the many dimensions of diversity within the framework of modern culture and the principles of social justice. The aim is to enable students to function appropriately within a diverse society. Emphasis is on raising consciousness of diversity and using critical thinking with respect to stereotypes, prejudice, and discrimination. Discussion covers issues related to age, disability, race, religion, gender, sexual orientation, national origin, and socioeconomic status, as well as current issues in diversity studies.

BEHS 300 Research Methods in the Social Sciences (3)

Prerequisite: BEHS 210. Recommended: STAT 200. An introduction to the core concepts, research methods, and skills that apply to work in the social sciences. The goal is to begin the process of conducting social science research. Discusses the scientific method as well as qualitative and quantitative research methods specific to the social sciences disciplines of psychology, sociology, anthropology, and gerontology. Topics also include reliability and validity of data, correlation versus causality, research ethics, institutional review boards, proposal writing, and the unique contribution of “interdisciplinarity” in social science research.

BEHS 320 Disability Studies (3)

An interdisciplinary study of disability issues that focuses on understanding and evaluating traditional and current interpretations of the meaning of disability. The goal is to interact and communicate effectively and appropriately in situations relevant to issues of disability. Topics include the construction of images of people with disabilities; attitudes and actions toward those with disabilities; approaches taken by major social institutions (e.g., law, education, religion, the arts) toward disability; distinctions between different models of disability, and current issues in disability studies.

BEHS 343 Parenting Today (3)

An overview of critical issues of parenthood in the United States today using an interdisciplinary perspective. The objective is to apply research and theory in family development to practical decision making. Topics include characteristics of effective parenting styles, diversity structures, demographic trends, the role of diverse family structures, and the social forces that cause changes in parent/child relationships.

BEHS 364 Alcohol in U.S. Society (3)

An overview of the role of alcohol in U.S. society. The aim is to examine drug alcohol from the perspectives of psychology, physiology, sociology, medicine, counseling, law, and public health. The aim is to examine current research and trends.

BEHS 486B Workplace Learning in Behavioral and Social Sciences (6)

Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX TZLN SO LQWHJUDWLRQ RI GLVFLSOLQH VSHFL4F NQRZOHGJH ZLWK QHZ H[SHUL ences in the work environment. Tasks include completing a VHULHV RI DFDGHPLF DVVLJQPHQWV WKDW SDUDOOHO ZRUN H[SHULHQFHV

BEHS 495 Advanced Seminar in Social Sciences (3)

–QWHQGHG DV D 4QDO FDSVWRQH FRXUVH WR EH WDNHQ LQ D VWXGHQW V

INFORMATION ON COURSES

BMGT 335 Small Business Management (3)

Recommended: BMGT 317. A comprehensive review of the management principles underlying organizational development and growth and business life-cycle segments of emerging enterprises. The goal is to demonstrate an understanding of

BMGT 381 Business Law II (3)

(Strongly recommended for students seeking careers as CPAs, lawyers, or managers.) Prerequisite: BMGT 380. Further conceptual and functional analysis and application of legal principles relevant to the conduct and understanding of commercial business transactions in the domestic and global environment. The aim is to evaluate sources of law, legal process, procedures, and remedies and to analyze tort, criminal, and contractual rights, obligations, liabilities, and remedies in the business environment. Topics include personal and real property, leases, antitrust, business insurance,

INFORMATION ON COURSES

BMGT 466 Global Public Management (3)

Recommended: BMGT 110. A comprehensive study of pub - lic management. The aim is to analyze, design, and evaluate solutions to public-sector problems, both domestic and global, based on an understanding of public-sector management con - FHSWV DQG WKH GL•HUHQW W\SHV RI RUJDQL]DWLRQV LQYROYHG 7RSLFV include development and implementation of public-sector SURMHFWV DQG WKH 4QDQFH KXPDQ UHVRPP«XV _DQG WDQ ^V QYJ

BMGT 488 Project Management II (3)

(The second course in the two-course series BMGT 487–488.) 3UHUHTXLVLWH %0*7 $Q H[DPLQDWLRQ RI SURMHFW PDQDJH ment processes and applications beyond introductory prin - ciples and concepts. The goal is to manage a project through all phases of the project life cycle. Emphasis is on the practical applications of project management principles and processes in real-world situations. Projects depict real-world situa - tions, such as information systems implementations; service business/e-commerce projects; and consulting projects that occur in research, information systems, manufacturing, and HQJLQHHULQJ 4UPV 6WXGHQWV PD\ UHFHLYH FUHGLW IRU RQO\ RQH RI the following courses: BMGT 488 or TMGT 430.

BMGT 495 Strategic Management (3)

(Access to spreadsheet, word processing, and presentation VRIWZDUH UHTXLUHG –QWHQGHG DV D 4QDO FDSVWRQH FRXUVH WR EH taken in a student's last 15 credits.) Prerequisites: BMGT 364, BMGT 365, FINC 330 (or BMGT 340), and MRKT 310. A study of strategic management that focuses on integrating manage - PHQW PDUNHWLQJ 4QDQFH DFFRXQWLQJ SURGXFWLRQ RSHUDWLRQV services, research and development, and information systems functions to achieve organizational success. The aim is to apply integrative analysis, practical application, and critical thinking to the conceptual foundation gained through previous study DQG SHUVRQDO H[SHULHQFH (PSKDVŁV LV RQ GHYHORSLQJ DQ RUJD nizational vision and mission, developing and implementing strategic plans, and evaluating outcomes. Students may receive credit for only one of the following courses: BMGT 495, HMGT 430, MGMT 495, or TMGT 380.

BMGT 496 Business Ethics (3)

A study of the relationship of business ethics and social respon - sibility in both domestic and global settings. The aim is to H[SORUH HWKLFDO DQG PRUDO FRQVLGHUDWLRQV RI FRUSRUDWH FRQGXFW social responsibilities, policies, and strategies. Emphasis is on WKH GH4QLWLRQ VFRSH DSSOLFDWLRQ DQG DQDO\VLV RI HWKLFDO YDOXHV as they relate to issues of public and organizational conse - quence and business decision making in the domestic and global business environments.

CHEM 297 Environmental Chemistry (3)

Prerequisite(s): MATH 115 (or MATH 107 and MATH 108). $Q H[DPLQDWLRQ RI WKH FKHPLVWU\ RI HQYLURQPHQWDO V\VWHPV. The aim is to identify and evaluate fundamental principles of chemistry in relation to environmental systems. Discussion cov - ers the nature of atoms, types of bonding, functional groups, chemical reactivity, and chemical interactions. Topics also include migration of chemicals through the environment, the role of basic chemistry in biogeochemical cycles, and human impact on biogeochemical cycles through the use of technol - ogy. Students may receive credit for only one of the following courses: CHEM 102, CHEM 103, CHEM 104, CHEM 105, CHEM 107, CHEM 121, CHEM 297, or GNSC 140.

CHIN 112 Elementary Chinese II (3)

(Not open to native speakers of Chinese.) Prerequisite: CHIN 111 or appropriate score on a placement test. A continued introduction to spoken and written Mandarin Chinese. The goal is to communicate in Chinese in concrete real-life situations using culturally appropriate language and etiquette and to recognize and type some frequently used Chinese characters. Practice is provided in improving pronunciation and developing the oral and written skills used in everyday communication.

Chinese

Courses in Chinese (designated CHIN) may be applied as appro - priate (according to individual program requirements) toward

- the general education requirement in the arts and humanities
- a major or minor in East Asian studies
- electives

–I \RX KDYH SULRU H[SHULHQFH LQ WKH &KLQHVH ODQJXDJH through study or living abroad, informal learning from friends or family, or high school or other coursework that did not transfer to UMGC—you should take a SODFHPHQW H[DP before enrolling. You should also take the placement test LI \RX KDYH RUDO SUR4FLHQF\ LQ &KLQHVH DQG ZLVK LQVWUXFWLRQ LQ written Chinese.

80*& R•HUV D OLPLWHG QXPEHU RI IRUHLJQ ODQJXDJH FRXUVHV each session.

CHIN 111 Elementary Chinese I (3)

(Not open to native speakers of Chinese: assumes no prior NQRZOHGJH RI &KLQHVH 6WXGHQWV ZLWK SULRU H[SHULHQFH ZLWK the Chinese language should take a placement test to assess appropriate level.) An introduction to spoken and written Man - darin Chinese. The objective is to communicate in Chinese in some concrete real-life situations using culturally appropriate language and etiquette, to read and write pinyin, and to begin to recognize and type Chinese characters. Practice is provided in Chinese pronunciation, tones, and structures needed for everyday communication.

INFORMATION ON COURSES

COMM 459 Special Topics in Communication (1–3)
$Q H[SORUDWLRQ RI VSHFLDO WRSLFV LQ FRPPXQLFDWLRQ 7KH REMHF
tive is to attain specialized knowledge and skills in a particular
area of communication, journalism, speech, or professional
writing. Focus is on demonstrating new knowledge through
DQ H[WHQGHG DSSOLHG SURMHFW 0D\ EH UHSHDWHG WR D PD[LPXP
RI FUHGLWV ZKHQ WRSLFV GL•HU

COMM 480 Research Methods in Communication Studies (3)
Prerequisites: COMM 300 and COMM 302. A review of qualita -
tive and quantitative research methods in communication stud -
LHV 7KH REMHFWLYH LV WR GH4QH DQG H[SODLQ UHVHDUFK PHWKRGV
concepts, and tools; apply research design, data collection,
analysis, and reporting skills; and critically evaluate research
LQ WHUPV RI ULJRU UHOHYDQFH DQG H[SODQDWRU\ YDOXH 3UDFWLFH LV

Computer and Information Science

Courses in computer and information science (designated CMIS) may be applied as appropriate (according to individual program requirements) toward

- the general education requirement in computing
- a major in computer science or software development and security
- a minor in computer science
- electives (including related requirements for the major in information systems management)

INFORMATION ON COURSES

CMIT 486A Workplace Learning in Computer Information Technology (3)

Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX ZNSO The LQWHJUDWLRQ RI GLVFLSOLQH VSHFŁ4F NQRZOHGJH ZLWK QHZ H[SHUL ences in the work environment. Tasks include completing a VHULHV RI DFDGHPLF DVVLJQPHQWV WKDW SDUDOOHO ZRUN H[SHULHQFHV

CMIT 486B Workplace Learning in Computer Information Technology (6)

Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX ZNSO The LQWHJUDWLRQ RI GLVFLSOLQH VSHFŁ4F NQRZOHGJH ZLWK QHZ H[SHUL ences in the work environment. Tasks include completing a VHULHV RI DFDGHPLF DVVLJQPHQWV WKDW SDUDOOHO ZRUN H[SHULHQFHV

CMIT 495 Current Trends and Projects in Computer Networks ÍQ ' ÀÔ"^«Ü Íc q'g1-ÌÂÞ«ì!ÍQ ' ÀÔ"^«Ü"ÍQ' vsîÎV

INFORMATION ON COURSES

CMSC 335 Object-Oriented and Concurrent Programming (3)
Prerequisite: CMSC 230 or CMSC 350. A study of object-oriented and concurrent programming using features of Java. The goal is to design, implement, test, debug, and document FRPSOH[UREXVW SURJUDPV LQ DQ REMHFW RULHQWHG PDQQHU Concepts of object-oriented programming (such as composi - WLRQ FODVVL4FDWLRQ DQG SRO\PRUSKLVP are discussed. Topics include the principles of concurrent programming (such as task synchronization, race conditions, deadlock, threads, and event-driven graphic user interface programs). Programming projects are implemented in Java. Students may receive credit for only one of the following courses: CMSC 300 or CMSC 335.

CMSC 350 Data Structures and Analysis (3)
3UHUHTXLVLWH &0–6 $ VWXG\ RI XVH DQG LPSOHPHQWDWLRQ RI GDWD VWUXFWXUHV and object-oriented design in computer science. The aim is to develop secure Java programs. Topics include linked lists, stacks, queues, arrays, maps, vectors, and trees. Algorithms that perform sorting, searching, and recursion are discussed and analyzed.

CMSC 405 Computer Graphics (3)
Prerequisite: CMSC 325 or CMSC 350. A hands-on, project-based introduction to computer graphics. The goal is to develop projects that render graphic images and animate three-dimensional objects. Topics include programming in OpenGL and transforming, viewing, and modeling 2-D and 3-D objects.

CMSC 412 Operating Systems (3)
Prerequisite: CMIS 310 or CMSC 311. A study of the fundamen - tal principles underlying modern operating systems. The objec - tive is to design and implement a small-scale operating system and design a virtual memory management system. Discussion covers the essential components of a typical operating system and the interactions among them. Topics also include methods of managing processes and resources in computer systems. A programming project that implements part of an operating system is required.

CMSC 430 Compiler Theory and Design (3)
3UHUHTXLVLWHV &06& DQG SURJUDPPLQJ H[& $Q H[DPLQDWLRQ RI WKH IRUPDO WUDQVOD ODQJXDJHV \QWD[DQG VHPDQWLFV 7KH JRD IHDWXUHV RI FRPSLOHU FRQVWUXFWLRQ DQG GHVLJQ Topics include HYDOXDWLRQ RI 4QLWH VWDWH JUDPPDUV DQG OH[LFDO DQDO\VLV WHFKQLTXHV VXFK DV UHFXUVLYH GHVFHQW LL(K), LR(K), and SLR(K); and improvement and generation of PDFKLQH LQGHSHQGHQW FRGH DQG V\QWD[GLU schema. Programming projects that implement parts of a com - piler are required.

CMSC 451 Design and Analysis of Computer Algorithms (3)
Prerequisites: CMSC 150 and CMSC 350 (or CMSC 230). A pre - requisite for CMSC 465. Techniques for designing and analyz - ing computer algorithms. The aim is to apply Big-O estimates of algorithms and proof-of-correctness techniques and to design algorithms. Basic methods include divide-and-conquer techniques, search and traversal techniques, dynamic program - ming, greedy methods, and induction. Programming projects are included.

CMSC 465 Image and Signal Processing (3)
Prerequisites: MATH 141 and CMSC 350. A project-driven study of image and signal processing. The goal is to apply spectral analysis techniques to analyze time series data for the pur - pose of recognizing and classifying signals and to apply image segmentation, representation, and description techniques to recognize and classify objects. Topics include discrete Fourier WUDQVIRUPV IDVW)RXULHU WUDQVIRUPV VDP image transformations and enhancements.

CMSC 486A Workplace Learning in Computer Science (3)
Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX ZNSO The LQWHJUDWLRQ RI GLVFLSOLQH VSHFL4F NQRZO ences in the work environment. Tasks include completing a VHULHV RI DFDGHPLF DVVLJQPHQWV XZ€ÎÐÀ`• P •

CMSC 486A WoBkplace LearninComputer Slgorithmsce (3)
Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX ZNSO@
ences in the work environment. Task

INFORMATION ON COURSES

CMST 320 Illustration Graphics (3)

Criminology/ Criminal Justice

Courses in criminology/criminal justice (designated CCJS) may be applied as appropriate (according to individual program requirements) toward

- the general education requirement in the behavioral and social sciences (Note: Only CCJS 100, 105, 350, 360, and 461 apply)
- a major in criminal justice, computer networks and cyber-security, or investigative forensics
- a minor in criminal justice, forensics, or terrorism and critical infrastructure
- electives

Students who previously received credit for courses in the disciplines of criminology (courses designated CRIM) or criminal justice (courses designated CJUS) may not receive credit for comparable courses designated CCJS.

CCJS 100 Introduction to Criminal Justice (3)
)XO4OOV WKH JHQHUDO HGXFDWLRQ UHTXLUHPHQW LQ EHKDYLRUDO DQG social sciences.) An introduction to the administration of criminal justice in a democratic society, emphasizing the history and theories of law enforcement. The objective is to conduct research, analyze criminological theory to inform the development of criminal justice policies, and make appropriate criminal justice decisions. Discussion covers the principles of organization and administration in law enforcement, including activities and functions (such as research and planning, public relations, personnel and training, inspection and control, and formulation and direction of policy). Students may receive credit for only one of the following courses: CCJS 100 or CJUS 100.

CCJS 101 Introduction to Investigative Forensics (3)
A survey of the practical applications of forensic science. 7KH DLP LV WR OHDUQ WR DSSO\ WKH VFLHQWL4F PHWKRG WR IRUHQVLF evidence and distinguish between reality and popular misperceptions of the roles and importance of forensic science and its SUDFWLWLRQHUV 'LVFXVVLRQ FRYHUV WKH &6– H•HFW WKH VFLHQWL4F method as it applies to forensic evidence, ethical practices, and OHJDO DVSHFWV RI WKH 4HOG 7RSLFV LQFOXGH WKH GH4QLWLRQ RI IRUHQ VLF VFLHQFH DQG KRZ LW KDV HYROYHG ethical codes, and case law.

CCJS 105 Introduction to Criminology (3)
)XO4OOV WKH JHQHUDO HGXFDWLRQ UHTXLUHP social sciences.) An overview of the major elements of the criminological enterprise. The objective is to classify and ana- O\]H GL•HUHQW FULPH WUHQGV DQG SDWWHUQV cal theories, and conduct research. Topics include the nature of criminology, criminological methods, crime causation, and FKDUDFWHULVWLFV RI W\SHV RI FULPHV DQG R• FRXUWV DQG FRUUHFWLRQV DQG WKH H•HFWV V\VWHP LQ VRFLHW\ DUH DOVR H[DPLQHG

CCJS 230 Criminal Law in Action (3)
Recommended: CCJS 100 or CCJS 105. A study of the history, nature, sources, and types of criminal law. The objective is to identify the elements of crime, recognize parties to crime, and H[SODLQ WKH KLVWRULFDO GHYHORSPHQW RI F ment in the United States. Topics include behavioral and legal DVSHFWV RI FULPLQDO DFWV DQG WKH FODVVL4 VHOHFW FULPLQDO R•HQVHV 6WXGHQWV PD\ UH one of the following courses: CCJS 230 or CJUS 230.

CCJS 234 Criminal Procedure and Evidence (3)
Prerequisite: CCJS 100, CCJS 101, or CCJS 105. Recommended: CCJS 230. A study of the general principles and theories of criminal procedure and evidence. The goal is to interpret statutes and case law, identify relevant issues, and evaluate the integrity and admissibility of evidence. Topics include due process, arrest, search and seizure, and the evaluation of evidence and SURRI 5HFHQW GHYHORSPHQWV LQ WKH 4HOG

CCJS 301 Criminalistics I: The Comparative Disciplines (4)
Prerequisite: CCJS 100, CCJS 101, or CCJS 105. Recommended: CCJS 234. An intensive study of the analysis of physical evidence in the crime laboratory with practical applications. The objective is to apply skills necessary for professional in the investigative profession for the practical analysis of evidence in a criminal investigation. Topics include the comparative disciplines, including impression evidence analysis, trace evidence analysis, and 4UHDUPV DQDO\VLV

''.7 'VMQMREPMWXMGW -- 8LI 7GMIRXM¤G (M
Prerequisite: CCJS 301. Further intensive study of the analysis of physical evidence in the crime laboratory with practical GLVFLSOLQHV ZLWKLQ WKH 4HOG ODERUDWRU\ H[HUFLVHV 7KH JRDO LV WR DSSO an entry-level criminalist to the practical analysis of evidence in a criminal investigation. Topics include the applications of WKH VFLHQWL4F GLVFLSOLQHV LQFOXGLQJ EOR questioned document analysis, controlled dangerous substances analysis, and DNA analysis.

CCJS 311 Intelligence-Led Policing (3)
3UHUHTXLVLWH &&-6 RU &&-6 $Q H[DPLQDWLRQ RI intelligence-related processes as they apply to domestic law enforcement. The aim is to identify, collect, and assess data and process that information into intelligence that can sup - port strategic and tactical planning. Intelligence reports are reviewed and assessed. Discussion covers the legal and ethical licenses and constraints that provide a framework for intelli - gence development.

CCJS 321 Digital Forensics in the Criminal Justice System (3)
(For students not majoring in criminal justice; not open to students who have completed CCJS 421; does not satisfy prerequisites for other criminal justice courses.) An overview of the criminal justice system and the application of digital forensic evidence in criminal justice cases. The objective is to apply Constitutional and case law to the search and seizure of GLJLWDO HYLGHQFH GHWHUPLQH WKH PRVW H•HFWLYH DQG DSSURSULDWH forensic response strategies to digital evidence, and provide H•HFWLYH FRXUWURRP WHVWLPRQ\ LQ D FDVH LQYROYLQJ GLJLWDO HYL - dence. Topics include crime scene procedures and the col - lection of digital evidence, procedures performed in a digital

CCJS 360 Victimology (3)
)XO4OOV WKH JHQHUDO HGXFDWLRQ UHTXLUHPHQW LQ EHKDYLRUDO DQG social sciences.) Prerequisite: CCJS 100 or CCJS 105. Recom-

CCJS 441 Firearms and Toolmarks Analysis (3)

Prerequisite: CCJS 301. A comprehensive study of toolmark HYLGHQFH LQFOXGLQJ WRROPDUNV LPSDUWHG E\ 4DWWHUQV RI 'HIRUPDWLRQ covers the practical analysis of evidence in a criminal investiga - WLRQ 7KH DLP LV WR DVVHVV WRROPDUN DWD DQG YHULI\ 4UHDUP DQG WRROPDUN ings. Topics include comparison methodologies, historical and mechanical foundations of toolmarks, and legal aspects. Focus is on developing the foundational knowledge and applied skills H[SHFWHG RI DQ HQWU\ OHYHO SURIHVVLRQDO LQ WKH ILHOG RI WRROPDUNV 4HOG

CCJS 461 Psychology of Criminal Behavior (3)

Prerequisite: CCJS 100, CCJS 101, or CCJS 105. An overview of delinquent and criminal behavior from a developmental, cognitive-behavioral perspective. The aim is to apply theoretical perspectives (behavioral, emotional, and cognitive) to analyze real or hypothetical criminal scenarios; to identify the various factors that encourage or discourage criminal behavior; and WR H[SODLQ WKH XVH RI ULVN DVVHVVPHQW WRROV DW YDULRXV VWDJHV RI WKH FULPLQDO MXVWLFH SURFHVV)DFWRUV WKDW LQ5XHQFH WKH GHYHORS PHQW RI DGXOWV DQG MXYHQLOHV R-Q WKH UROG WR FULPH DUH H[DP ined to assess culpability for criminal behavior. Students may receive credit for only one of the following courses: CCJS 461 or CRIM 455.

CCJS 486A Workplace Learning in Criminal Justice (3)

Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX ZNSO The LQWHJUDWLRQ RI GLVFLSOLQH VSHFL4F NQRZOHGJH ZLWK QHZ H[SHUL ences in the work environment. Tasks include completing a VHULHV RI DFDGHPLF DVVLJQPHQWV WKDW SDUDOOHO ZRUN H[SHULHQFHV

CCJS 486B Workplace Learning in Criminal Justice (6)

Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX ZNSO LQWHJUDWLRQ RI GLVFLSOLQH VSHFL4F NQRZOHGJH ZLWK QHZ H[SHUL ences in the work environment. Tasks include completing a VHULHV RI DFDGHPLF DVVLJQPHQWV WKDW SDUDOOHO ZRUN H[SHULHQFHV

CCJS 495 Issues in Criminal Justice (3)

– QWHQGHG DV D 4QDO FDSVWRQH FRXUVH IRU FULPLQDO MXVWLFH GHJUHH majors; to be taken in a student's last 15 credits). Prerequisites: 15 upper-level credits in CCJS. An integrative study of the vari - ous components of the American criminal justice system. The goal is to apply principles of interagency cooperation, critical thinking, and systems approaches to solve practical problems in a criminal justice environment. Topics include problem solving, case study analysis, strategic planning, teamwork, and professional writing.

CCJS 497 Correctional Administration (3)

Prerequisite: CCJS 100 or CCJS 105. Recommended: CCJS 230. 6XUYH\V RI 'HSDUWPHQWV RI &RUUHFWLRQV LQFOXGLQJ WKH 4HGHUDO %XUHDX RI Prisons. Study of management and institutional structure and purpose. The objective is to apply organizational concepts, leadership, and FRUUHFWLRQDO VWUXFWXUHV DQG R•HQGHU RQ RUJDQL]DWLRQ DQG PDQDJHPHQW LQ WKH Discussion covers organizational structure, communication, BIfassessment, strategic planning, decision making, and human resources. Students may receive credit for only one of the following courses: CCJS 497 or CCJS 498D.

Cybersecurity

Courses in cybersecurity (designated CSIA) may be applied as appropriate (according to individual program requirements) toward

- the general education requirement in computing
- a major in cybersecurity management and policy
- a minor in cybersecurity
- electives

CSIA 570.002 Tw 0 -125

INFORMATION ON COURSES

ECON 201 Principles of Macroeconomics (3)

An introductory study of the macroeconomy. The objective is to apply select macroeconomic theories to real-world situations. Discussion covers economic growth, technological innovation, XQHPSOR\PHQW LQ5DWLRQ DQG WKH URIHV PRQHWDU\ DQG 4VFDO SROLF\ LQ GHWHUPLQLQJ PDFU-RHFRQRPLF dents may receive credit for only one of the following courses: ECON 201 or ECON 205.

ECON 203 Principles of Microeconomics (3)

An analysis of the economic principles underlying the behav - LRU RI LQGLYLGXDO FRQVXPHUV DQG EXVLQHVV 4UPV 7KH JRDO LV WR apply select microeconomic theories to real-world situations. Emphasis is on market theory. Topics include the implications of government intervention, technological innovation, the DGYDQWDJHV DQG GLVDGYDQWDJHV RI GL•HUHQW PDUNHW VWUXFWXUHV and income distribution and poverty.

ECON 305 Intermediate Macroeconomic Theory and Policy (3)

Prerequisite: ECON 201. An analysis of the forces that deter - mine a nation's income, employment, and price levels. The aim is to analyze macroeconomic indicators and trends and evalu - DWH WKHLU LPSDFW 7RSLFV LQFOXGH- FRQVXPSWLRQ LQYHVWPHQW LQ5D WLRQ DQG JRYHUQPHQWDO 4VFDO DQG PRQHWDU\ SROLF\ 6WXGHQWV may receive credit for only one of the following courses: ECON 305, ECON 403, or ECON 405.

ECON 306 Intermediate Microeconomic Theory (3)

Prerequisite: ECON 203. An analysis of the principles underly - LQJ WKH EHKDYLRU RI LQGLYLGXDO FRQVXPHUV DQG EXVLQHVV 4UPV The objective is to analyze microeconomic indicators and trends and evaluate their impact. Discussion covers theories RI ZHOIDUH WD[DWLRQ PDUNHWLQJ -V\VWHPV DQG LQFRPH GLVWULEX tion. Students may receive credit for only one of the following courses: ECON 306 or ECON 403.

ECON 430 Money and Banking (3)

3UHUHTXLVLWHV (&21 DQG (&21 $Q H[DPLQDWLRQ RI WKH VWUXFWXUH RI 4QDQFLDO LQVW-LWXWLRQV DQG WKHLU UROH LQ SURYLG ing money and near money. The goal is to evaluate how the banking and business environment has changed, describe the functions and measurement of money, discuss and evaluate the money supply creation process, and analyze the impact of the Federal Reserve's policies on both the U.S. economy and the economies of other nations. Topics include the composition of the Federal Reserve, the money supply creation process, the tools of monetary policy, the term structure of interest rates, the demand for and supply of money, and interest rate theo - ries. Students may receive credit for only one of the following courses: ECON 430 or ECON 431.

ECON 440 International Economics (3)

3UHUHTXLVLWHV (&21 DQG (&21 $Q H[LQWHUQDWLRQDO WUDGH DQG 4QDQFH WKHR contemporary economic issues. The aim is to use economic IUDPHZRUN WR H[SODLQ LQWHUQDWLRQDO and analyze information and data of economic policy and LQVWLWXWLRQV 7RSLFV LQFOXGH WKH FRVW H[FKDQJH UDWH PDUNHWV JOREDO 4QDQFLD

Emergency Management

Courses in emergency management (designated EMGT) may be applied as appropriate (according to individual program requirements) toward

English

Courses in English (designated ENGL) may be applied as appro - priate (according to individual program requirements) toward

ENGL 433 Modern American Literature: 1914–1945 (3)
Prerequisite: WRTG 112, WRTG 101, or WRTG 101S. A study of the [illegible] and drama. The goal is to interpret and analyze literature by applying critical theory. Focus is on the major social and historical changes that occurred between World War I and World War II and their effect on literature. Authors may include Ernest Hemingway, William Faulkner, F. Scott Fitzgerald, Langston Hughes, and Hilda Doolittle (H. D.).

ENGL 439 Major American Writers (1–3)
Prerequisite: WRTG 112, WRTG 101, or WRTG 101S. A study of works by selected American authors from the colonial period to the present. The goal is to understand the place these authors and their works hold in the canon of American literature. Emphasis is on the impact of historical and social events, [illegible] on the literature. May be repeated to a maximum of [illegible] credits when topics differ.

ENGL 441 Postmodern American Literature: 1945 to 1999 (3)
Prerequisite: WRTG 112, WRTG 101, or WRTG 101S. A comprehensive study of literature in America from 1945 till the end of the 20th century. The objective is to interpret American literature as a reflection of national and world events, recognize the differences among types of American literary works, and apply critical methodology. Topics include the American Dream; war; fear and paranoia; rebellion and counterculture; civil rights, feminist, and gay movements; postmodernism; and multiculturalism.

ENGL 495 Advanced Seminar in English Language, Literature, and Writing (3)
[illegible] last 15 credits.) Prerequisites: ENGL 240, ENGL 303, and at least 9 additional credits of upper-level ENGL courses. A synthesis and application of knowledge and skills developed by previous study in the discipline. The goal is to reexamine skills and explore ways that they may be applied after graduation. Focus is on reviewing and revising previously written papers and/or projects to create a comprehensive portfolio. Assignments include the creation of the portfolio and writing original papers on one's professional postgraduate objectives and the current status of the discipline.

Environmental Management

Courses in environmental management (designated ENMT) may be applied as appropriate (according to individual program requirements) toward

- a major or minor in environmental management
- electives

Courses in environmental management require a basic science [illegible] advisor and complete the related requirements in math and science before enrolling.

ENMT 301 Environment and Ecosystems Principles (3)
[illegible] advinolturaarritasy may ted reindirelaronmental manaconsrem befs1( )]TJ El

INFORMATION ON COURSES

ENMT 380 Air Quality Management (3)

Prerequisites: ENMT 301 and CHEM 297 (or an environmental chemistry course). Recommended: STAT 200 and BIOL 301 (or a health-related biology course). An overview of air quality management principles and strategies. The goal is to identify the risk and possible causes of air pollution and evaluate air quality management strategies. Discussion covers atmospheric processes and mechanisms, pollutants and sources of air SROOXWLRQ GLVSHUVLRQ H•HFWV UHJXODWLRQV DLU SROOXWLRQ FRQWURO technology and management, indoor air quality pollution, and noise control. Indoor air pollution topics include the study of sick buildings, causes and risk factors, diagnostic protocols, contamination measurement, and problem mitigation.

ENMT 390 Risk Assessment and Principles of Toxicology (3)

Prerequisite: ENMT 321. Recommended: STAT 200 and WRTG 112 (or WRTG 101, WRTG 101S, or a more advanced writing FRXUVH $Q RYHUYLHZ RI WKH VFLHQWL4F SULQFLSOHV DQG JRYHUQPHQW guidelines for the conduct of environmental health risk assess- ments. The aim is to conduct risk assessments; collect, analyze, DQG LQWHUSUHW GDWD DQG FKDUDFWHUL]H SRWHQWLDO DGYHUVH H•HFWV of chemical, physical, and biological agents. Topics include the Nuclear Regulatory Commission paradigm for managing risk DVVHVVPHQWV LGHQWL4FDWLRQ RI KHDOWK KD]DUGV TXDQWL4FDWLRQ RI GRVH UHVSRQVH UHODWLRQVKLSV FRQGXFW RI H[SRVXUH DVVHVVPHQWV and preparation of risk characterization and uncertainty analy- VHV 'LVFXVVLRQ DOVR FRYHUV WKH SURV DQG FRQV RI GL•HUHQW ULVN assessment methods and the way to plan, perform, report, and communicate environmental health risk assessments.

ENMT 398 Special Topics in Environmental Management (1)

Specialized study in topics of particular interest in environmen- WDO PDQDJHPHQW 0D\ EH UHSHDWHG ZKHQ WRSLFV GL•HU

ENMT 405 Pollution Prevention Strategies (3)

An overview of alternative environmental strategies to mini- mize, reduce, and prevent pollution. The goal is to integrate knowledge about environmental systems and environmental regulations to minimize, reduce, and prevent pollution. Top- ics include source reduction, recovery, reuse, recycling, and

Experiential Learning

The Prior Learning Portfolio Assessment program yields UMGC credit for learning acquired outside the classroom.

7KH FRXUVH LQ H[SHULHQWLDO OHDUQLQJ GHVLJQDWHG (;&/ PD\ EH applied toward electives only. Credit earned through the pro - gram may be applied toward

- appropriate majors and minors
- general education requirements (according to content) as appropriate
- electives

Info rmation about this program is g2r<</MCID 33002 AD 4CbBT /C u3B00 EMC /P GS1 gs /TTcs /TTcs /TTrT /CL8003004F0048lE-CID 9 >>BDC CG

INFORMATION ON COURSES

Fire Science

&RXUVHV LQ 4UH VFLHQFH GHVLJQDWHG)6&1 PD\ EH DSSOLHG as appropriate (according to individual program requirements) toward

- D PLQRU LQ 4UH VHUYLFH DGPLQLVWUDWLRQ
- electives

7KH 4UH VFLHQFH FXULFXOXP LV XQLTXH DQG LV GHVLJQHG SULPDULO\ IRU 4UH4JKWHUV <RX VKRXOG FRQVXOW DQ DGYLVRU EHIRUH HQUROLQJ in any of the courses.

80*& R•HUV D OLPLWHG QXPEHU RI 4UH VFLHQFH FRXUVHV each session.

INFORMATION ON COURSES

French

Courses in French (designated FREN) may be applied as appro - priate (according to individual program requirements) toward

- the general education requirements in the arts and humanities
- electives

–I \RX KDYH SULRU H[SHULHQFH LQ WKH)UHQFK ODQJXDJH through study or living abroad, informal learning from friends or family, or high school or other coursework that did not transfer to UMGC—you should take a SODFHPHQW H[DP before enrolling. You should also take the placement test LI \RX KDYH RUDO SUR4FLHQF\ LQ)UHQFK DQG ZLVK LQVWUXFWLRQ LQ written French.

80*& R•HUV D OLPLWHG QXPEHU RI IRUHLJQ ODQJXDJH FRXUVHV each session.

FREN 111 Elementary French I (3)

(Not open to native speakers of French; assumes no prior NQRZOHGJH RI)UHQFK 6WXGHQWV ZLWK SULRU H[SHULHQFH ZLWK WKH French language should take a placement test to assess appro - priate level.) An introduction to the French language. The objec - tive is to listen to, speak, read, and write elementary French in concrete, real-life situations and in culturally appropriate ways. Practice in pronunciation is provided. The diverse language and FXOWXUH RI WKH)UHQFK VSHDNLQJ ZRUOG LV DOVR H[SORUHG 6WXGHQWV may receive credit for only one of the following courses: FREN 101 or FREN 111.

FREN 112 Elementary French II (3)

(Not open to native speakers of French.) Prerequisite: FREN 111 or appropriate score on a placement test. A continued introduction to the French language. The objective is to listen to, speak, read, and write French in concrete, real-life situa - tions related to oneself and others in culturally appropriate ways. Practice in speaking and listening is provided. The diverse ODQJXDJH DQG FXOWXUH RI WKH)UHQFK VSHDNLQJ ZRUOG LV H[SORUHG

INFORMATION ON COURSES

GVPT 101 Introduction to Political Theory (3)

An overview of the main schools of political theory, including democracy, authoritarianism, and alternative theories. The aim is to demonstrate familiarity with important thinkers and major works in the history of political theory; use theoretical language to analyze and critique political behavior and events; identify WKH VWUHQJWKV DQG ZHDNQHVVHV RI GLHU HQW DSSURDFKHV DQG HFRQRPLF LQHTXDO ment; and demonstrate knowledge of crucial concepts (justice, power, authority, the state, social contract, etc.) and their his - tory. Topics include the philosophical foundations of liberalism, socialism, and conservatism and the core political concepts of justice, power, and authority.

GVPT 125 Understanding 21st-Century Global Challenges (3)

$Q H[DPLQDWLRQ RI WKH FKDQJLQJ IDFH RI WDU DQG SHDFH LQ WKH 21st century, the power of the nation-state, and inequality between in a post–Cold War world and the role of the United States in the evolving international order. The aim is to recognize DQG H[SODLQ WUHQGV LQ LQWHUQDWLRQDO frameworks in international relations, and analyze world events WR H[SODLQ DQG HYDOXDWH JOREDO GHYHORSPHQWV \RXVLV RQ WKH roles of key international institutions, states, nonstate actors, and globalization in the evolution of global relations since the collapse of the Soviet Union. Discussion also covers various LQ5XHQFHV RQ FRQWHPSRUDU\ D•DLUV LQFOXGLQJ WHFKQRORJ\ migration, disease, economic development, and terrorism. Stu - dents may receive credit for only one of the following courses: GVPT 125 or GVPT 401.

GVPT 170 American Government (3)

A comprehensive study of government in the United States, including the basic principles of American government and SROLWLFDO FXOWXUH 7KH DLP LV WR H[SODLQ WKH YHUWLFDO DQG KRUL]RQ tal structure of the American government and the roles of the three federal branches, bureaucracies, and the state govern - ments; describe the development of the American political sys - WHP DQG LWV LPSDFW RQ WKH SROLWLFDO ODQGVFDSH DQG H[SODLQ WKH processes of the electoral system, political parties, and interest JURXSV WR SHUVXDGH DQG LQ5XHQFH –QVWLWXWLRQV SURFHVVHV DQG SXEOLF SROLFLHV DUH H[DPLQHG IURP D FURVV FXOWXUDO SHUVSHFWLYH

GVPT 200 International Political Relations (3)

A study of the major factors underlying international relations, the methods of conducting foreign relations, and the means RI DYRLGLQJ RU DOOHYLDWLQJ LQWHUQDWLRQDO FRQ5LFWV 7KH REMHFWLYH is to interact with global communities, contribute to policy IRUPDWLRQ DQDO\]LQJ GL•HUHQW ZRUOGYLHZV DQG DSSO\ KLVWRULFDO DQG FXOWXUDO FRQWH[WV WR LGHQWLI\ SUREOHPV RXWFRPHV RI GLV putes. Students may receive credit for only one of the following courses: GVPT 200 or GVPT 300.

GVPT 280 Comparative Politics and Government (3)

An introductory study of institutional patterns and trends in a variety of countries with dissimilar governmental styles. The goal is to compare the stages of political development in the modern state system on a spectrum ranging from liberal democracies to authoritarian regimes. Discussion cov - HUV HQW KR F FRQ5LFW DQG HFRQRPLF LQHTXDO success and failure of governmental approaches in solving compelling issues.

GVPT 306 Global Political Economy (3)

A study of the relationship between political and economic SURFHVVHV LQ LQWHUQDWLRQDO D•DLUV 'LVFX of globalization on the global environment, the economy, world peace, the power of the nation-state, and inequality between nation-states.

GVPT 308 International Human Rights (3)

5HFRPPHQGHG *937 $Q H[DPLQDWLRQ RI WK and practices governing human rights from ancient times to contemporary international conventions and U.N. declarations. The aim is to analyze, evaluate, and discuss present national/ international pushes for human rights and emancipation. Stu - dents may receive credit for only one of the following courses: GVPT 308 or GVPT 399Y.

GVPT 403 Law, Morality, and War (3)

Prerequisite: WRTG 112, WRTG 101, or WRTG 101S. A study of just war traditions. The objective is to make informed decisions DQG DQDO\]H FRQ5LFW 'LVFXVVLRQV FRYHU WK practical connections between law, war, and morality.

GVPT 406 Global Terrorism (3)

3UHUHTXLVLWH :57* :57* RU :57* 6 $Q nation of the development of global terrorism and its impact on the international community. The goal is to participate in strategy and policy formulation and implementation, evaluate threats, and assess infrastructures that support global terrorist organizations. Students may receive credit for only one of the following courses: GVPT 401A or GVPT 406.

Graphic Communication

Courses in graphic communication (designated GRCO) may be applied as appropriate (according to individual program requirements) toward

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HMGT 335 Health Care Marketing (3)
3UHUHTXLVLWH +0*7 $Q H[DPLQDWLRQ RI WKH PDNHXS RI the health care market, the role of marketing in the delivery of health care, and relevant consumer behavior. Topics include basic principles and key concepts related to the design and LPSOHPHQWDWLRQ RI PDUNHWLQJ H-RUWV LQ KHDOWK VHUYLFHV RUJD nizations. The goal is to develop and evaluate health care marketing plans. Discussion covers the marketing process and the development and analysis of strategic health care market - ing plans.

HMGT 372 Legal and Ethical Issues in Health Care (3)
3UHUHTXLVLWH +0*7 RU 1856 $Q H[DPLQDWLRQ RI OHJDO and ethical issues encountered in health care management DQG WKH UDPL4FDWLRQV RI WKRVH LVVXHV RQ WKH GHOLYHU\ RI KHDOWK services and patient care. The aim is to apply ethical principles and practice within legal and ethical standards of health care.

HMGT 400 Research and Data Analysis in Health Care (3)
Prerequisites: HMGT 320 and STAT 200. An introduction to UHVHDUFK PHWKRGV DQG WKH SURFHVV RI GDWD LGHQWL4FDWLRQ DQG DQDO\VLV LQ WKH KHDOWK FDUH 4HOG 7KH REMHFWLYH LV WR LQIRUP health care decision making and formulate research hypoth - eses. Emphasis is on the analytic process, especially in the presentation and interpretation of results. Topics include the use of health care databases, analysis of problems and issues, and evaluation of research in health care settings. Students

History

INFORMATION ON COURSES

HIST 289 Historical Methods (3)

Prerequisite: A 100-level HIST course. An introduction to historical methods, approaches, and techniques. The goal is to H[SODLQ ZKDW KLVWRU\ LV DQG ZK\ LW PDWWHUV 6HPHVWHU &UHGLW +RXUV 7KH JRDO LV WR LGHQWLI\ paradigms, employ the moral and ethical standards of the historical profession. Focus is on the philosophical and practical skills employed by historians.

HIST 309 Historical Writing (3)

Prerequisite: HIST 289. A study of the historical research and writing process. The goal is to construct a framework for an original historical research project, locate and evaluate source PDWHULDOV DQG GHPRQVWUDWH SURF4FLHQF\ LQ GRFXPHQWHG KLVWRULFDO UHVHDUFK

HIST 316L The American West (3)

$Q H[DPLQDWLRQ RI WKH H[SORUDWLRQ and mythology of the American West, from 1490 to 1990, with attention paid to the role of the West as a key factor in the formation of national identity. Assignments include advanced reading and research.

HIST 326 The Roman Republic (3)

Prerequisite: Any writing course. A study of ancient Rome dur - ing the period 753 to 44 BC, from its founding to the assassina - tion of Julius Caesar. The goal is to use primary and secondary KLVWRULFDO UHVRXUFHV WR H[SORUH 5RPDQ WKRXJKW DQG GHPRQ VWUDWH LWV LQ5XHQFH LQ WKH PRGHUQ :HVWHUQ ZRUOG DQG DSSO\ LW WR PRGHUQ FRQWH[WV)RFXV LV RQ 5RPH V FRQTXHVW RI WKH 0HGLWHU ranean world, the social and political pressures that led to that conquest, and the consequent transformation and decline of the republic. Students may receive credit for only one of the following courses: HIST 326 or HIST 421.

HIST 337 Europe's Bloodiest Century (3)

An investigation of the political, economic, and cultural devel - opment of Europe since 1914, with emphasis on the factors LQYROYHG LQ WKH WZR ZRUOG ZDUV DQG WKHLU ZRUOGZLGH H•HFWV DQG VLJQL4FDQFH 7KH REMHFWLYH LV WR HYDOXDWH FDXVHV FRXUVHV DQG FRQVHTXHQFHV RI DUPHG FRQ5LFWV LQ (XURSH GXULQJ WKH WK FHQWXU\ WR LQWHUSUHW WKHLU H•HFWV RQ FRQWHPSRUDU\ VRFLHW\

HIST 365 Recent America: 1945 to the Present (3)

Prerequisite: A writing course. Recommended: WRTG 291. An investigation of U.S. history from the end of World War II to the events of September 11, 2001. The goal is to identify events, individuals, movements, and technological developments; synthesize primary and secondary resources; and analyze WKH VLJQL4FDQFH RI VRFLDO FXOWXUDO DQG include social turmoil, the Cultural Revolution, the role of the 8QLWHG 6WDWHV LQ WKH ZRUOG HFRQRPLF WU consumerism, political and public scandals, and globalization.

HIST 377 U.S. Women's History: 1870 to 2000 (3)

Prerequisite: A writing course. An investigation of women's history in the United States IURP WR WKH HYH RI WKH VW FHQWXU\ 7K ine primary and secondary sources and documents to com - prehend and articulate the impact of gender on the historical H[SHULêÿ!0€P@`@•0 €À 0°À`p pÀ`@ð 0p SRSZUL

H[SHULêÿ\7V ZRPH\ 7KHDYLE WLR pÀ° 0P€ € €p(ole of followwriting cos: HIST 2ber HIST 367, oenHIST 377tion.

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HIST 392 History of the Contemporary Middle East (3)

Prerequisite: A writing course. Recommended: WRTG 291. A survey of the history of the Middle East from the late 19th century to the present. The aim is to identify the important events of the last century in the Middle East; understand the sources of contention in that area and examine the ideology, politics and culture of the area and how they impact U.S.-Middle East

HIST 495 Senior Thesis in History (3)

Human Resource Management

Courses in human resource management (designated HRMN) may be applied as appropriate (according to individual pro - gram requirements) toward

- a major in human resource management, business adminis- tration, or management studies
- a minor in human resource management, business adminis - tration, or law for business
- D FHUWL4FDWH LQ +XPDQ 5HVRXUFH 0DQDJHPHQW RU 0DQDJH ment Foundations
- electives

HRMN 300 Human Resource Management (3)

A basic study of the strategic role of human resource manage - ment. The objective is to apply knowledge of human behavior, labor relations, and current laws and regulations to a working environment. Topics include employment laws and regulations, diversity in a global economy, total rewards management, and training and development for organizational success. Students may receive credit for only one of the following courses: BMGT 360, HRMN 300, or TMGT 360.

HRMN 302 Organizational Communication (3)

A study of the structure of communication in organizations.

7KH JRDO LV WR DSSO\ WKHRU\ DQG 0ì@ W8[p 0 ðÀÀ0ðR H€PK0p @D€pD°J€6 0À0p€ WK p0¥ €P€p°K p0
360, HR2, MGMr T20, MGSr T15N 300,E0, H15T 36

H62 LD [(HD [(luman Re regulattion (3))]TJ EMC /P <</4

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HRMN 400 Human Resource Management: Issues and Problems (3)

Prerequisite: HRMN 300. A study of the role of human resource management in the strategic planning and operation of orga -

INFORMATION ON COURSES

Journalism

Courses in journalism (designated JOUR) may be applied as appropriate (according to individual program requirements) toward

- the general education requirement in writing (JOUR 201 only)
- a major or minor in communication studies
- electives

-285 IXO4OOV WKH JHQHUDO HGXFDWLRQ UHTXLUHPHQW LQ communications.

80*& R•HUV RQO\ D OLPLWHG QXPEHU RI FRXUVHV HDFK VHVVLRQ in this discipline.

JOUR 201 Introduction to News Writing (3)

)XO4OOV WKH JHQHUDO HGXFDWLR-Q UHTXLUHPHQW LQ FRPPXQLFD tions.) Prerequisite: WRTG 112, WRTG 101, or WRTG 101S. An introduction to writing news articles for print and electronic media. The aim is to evaluate the newsworthiness of informa - tion and events and write in journalistic style. Emphasis is on writing—from mechanics (grammar, spelling, punctuation, and journalistic style) to content (accuracy, completeness, audience, and readability) and reporting.

JOUR 330 Public Relations Theory (3)

Prerequisite: JOUR 201. A study of the evolution, scope, and contemporary practice of public relations and its strategic value LQ EXVLQHVV QRQSUR4WV JRYHUQPHQW DVVRFLDWLRQV DQG RWKHU organizations. The goal is to apply legal, ethical, and profes - sional standards to the everyday practice of public relations. Topics include communication theory, social science, and audi - ence dimensions as they are applied to a four-step process: research, planning, communication, and evaluation.

JOUR 486A Workplace Learning in Journalism (3)

Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX TZeN SO LQWHJUDWLRQ RI @À.%|ì 00Ð¼/%. JGKGL OL°HVSRHUE¼ | À`@

J O U R 4 8 6 A W o r k p

INFORMATION ON COURSES

LGST 320 Criminal Law and Procedures (3)

Prerequisite: LGST 201. A study of the substantive and procedural aspects of the criminal justice system. The objective is to identify, analyze, and apply the rules of professional conduct to develop ethical strategies, research law, and draft legal writings to support the prosecution or defense of crimes. Topics include crimes and defenses, penalties, and court procedures. Students may receive credit for only one of the following courses: LGST 320 or PLGL 320.

LGST 325 Litigation (3)

Prerequisite: LGST 201. A comprehensive study of the Federal Rules of Civil Procedure and the process of civil litigation. The aim is to use technology and administrative best practices to collect, track, retrieve, and prepare evidence during the litigation process; inter - pret and apply the rules to develop case strategies; and interact ZLWK LQGLYLGXDOV ZLWKLQ WKH OHJDO V\VWHP WR H•HFWLYHO\ DQG HWKLFDOO\ support the litigation process. Students may receive credit for only one of the following courses: LGST 325 or PLGL 325.

LGST 330 Administrative Law (3)

Prerequisite: LGST 201. An overview of the functions and proce - dures of federal and state administrative agencies. The goal is to monitor and analyze administrative agency actions in order to PDNH UHFRPPHQGDWLRQV WR SURSRVHG DQG 4QDO DJHQF\ UXOHV DQG administrative decisions. Topics include rulemaking, adjudication, the use and control of agency discretion, and disclosure of informa - WLRQ)RFXV LV RQ UHVHDUFKLQJ UHOHYDQW ODZ DQG ZULWLQJ H•HFWLYH DQG persuasive communications for use in administrative adjudications or to obtain information held by government agencies. Students may receive credit for only one of the following courses: LGST 330 or PLGL 330.

LGST 340 Contract Law (3)

Prerequisite: LGST 201. A comprehensive study of the major area048038D004800.jo662j0.jo6Contr 0 Tw T(maydvernmral andu(moeniuthogaly;es to dev th

LGST)1GST9(ns. Topi9(act Laft lessact Ldraact Ls.5(1w (3))]TJ EMC /P <</9CID 6 >>B)Tj /C2_0 1 Tf -0.029 Tc 0.029 Tc 0 -1.58-2824B004C0051

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LGSTanacaact di9(act Laact Lft Pr)2on9(d14icraact Ls.5(aw (3))]TJ EMC /P <<201CID 7 >>BDC /TT3 1 Tf -0.029 Tc 0 -1.581(I anndledasla caps

Marketing

INFORMATION ON COURSES

Music

Courses in music (designated MUSC) may be applied as appro - priate (according to individual program requirements) toward

- the general education requirement in the arts and humanities
- a major in humanities
- electives

80*& R•HUV D OLPLWHG QXPEHU RI FRXUVHV HDFK VHVVLRQ LQ this discipline.

MUSC 210 Music as Cultural Expression (3)

A study of the role of music in various cultures. The objective LV WR LGHQWLI\ NH\ IHDWXUHV WKDW GH4QH YDULRXV JHQUHV RI ZRUOG music, articulate the roles and functions of music in world FXOWXUHV XVH WKH PHGLXP RI PXVLF WR H[SORUH LQWHUFXOWXUDO UHODWLRQVKLSV DQG FRQVFLRXVO\ G-H4QH SHUVRQDO PXVLFDO SHUVSHF tives. Discussion covers music from various cultural traditions DQG WKH FRQWH[WV LQ ZKLFK FRPSRVHUV DQG PXVLFLDQV SUDFWLFH their craft. Students may receive credit for only one of the fol - lowing courses: HUMN 211 or MUSC 210.

Natural Science

Courses in natural science (designated NSCI) may be applied as appropriate (according to individual program requirements) toward

- the general education requirement in the biological and physical sciences
- a major in biotechnology or laboratory management
- a minor in natural science
- electives

NSCI 100 Introduction to Physical Science (3)

Prerequisite: MATH 105, STAT 200, or a higher-numbered MATH or STAT course. An introduction to the basic principles of phys - ics and chemistry, with applications to geology, oceanography, PHWHRURORJ\ DQG DVWURQRP\ 7KH REMHFWLYH LV WR XVH VFLHQWL4F and quantitative reasoning to make informed decisions about topics related to physical science. Discussion covers the develop - PHQW RI VFLHQWL4F WKLQNLQJ WKH-VFLHQWL4F PHWKRG WKH UHODWLRQ ships among the various physical sciences, the role of the physi - cal sciences in interpreting the natural world, and the integrated use of technology. Students may receive credit for only one of the following courses: GNSC 100, NSCI 100, or NSCI 103.

NSCI 101 Physical Science Laboratory (1)

)XO4OOV WKH ODERUDWRU\ VFLHQFH UHTXLUHI MATH 105, STAT 200, or a higher-numbered MATH or STAT course. Prerequisite or corequisite: NSCI 100. A laboratory study of the basic principles of physics and chemistry, with applications to geology, oceanography, meteorology, and DVWURQRP\ 7KH REMHFWLYH LV WR DSSO\ WKH XVH VFLHQWL4F DQG TXDQWLWDWLYH UHDVRQL GHFLVLRQV DERXW H[SHULPHQWDO UHVXOWV LC Discussion and laboratory activities cover the development RI VFLHQWL4F WKLQNLQJ WKH VFLHQWL4F PHW among the various physical sciences, and the role of the physi - cal sciences in interpreting the natural world.

NSCI 103 Fundamentals of Physical Science (4)

)XO4OOV WKH ODERUDWRU\ VFLHQFH UHTXLUHI MATH 103, MATH 105, STAT 200, or a more advanced MATH or STAT course. An introduction to the basic principles of physics and chemistry, with applications to geology, ocean- ography, meteorology, and astronomy. The objective is to DSSO\ WKH VFLHQWL4F PHWKRG DQG XVH VFLHC UHDVRQLQJ WR PDNH LQIRUPHG GHFLVLRQV DE results in the physical sciences. Discussion and laboratory DFWLYLWLHV FRYHU WKH GHYHORSPHQW RI VFL VFLHQWL4F PHWKRG WKH UHODWLRQVKLSV DPF sciences, the role of the physical sciences in interpreting the natural world, and the integrated use of technology. Students may receive credit for only one of the following courses: GNSC 100, NSCI 100, or NSCI 103.

NSCI 120 Natural Sciences Laboratory (1)

)XO4OOV WKH ODERUDWRU\ VFLHQFH UHTXLUHI MATH 103, MATH 105, STAT 200, or a higher-numbered MATH or STAT course. A study of the basic principles of science investigation and observation. The objective is to apply knowl - HGJH RI WKH QDWXUDO ZRUOG DQG H[SHULPHQ questions about physical, chemical, geological, and ecological phenomena. Activities include observation of the natural world, H[SHULPHQWV PHDVXUHPHQWV GDWD FROOHF UHDVRQLQJ H[HUFLVHV

NSCI 170 Concepts of Meteorology (3)

Prerequisite: MATH 103, MATH 105, STAT 200, or a higher-numbered MATH or STAT course. An introduction to the basic principles of atmospheric science and quantitative reasoning to make informed decisions about weather related to atmospheric science and the role of humans on Earth's atmosphere. Students may receive credit for only one of the following courses: GNSC 170, GNSC 398D, or NSCI 170.

NSCI 171 Laboratory in Meteorology (1)

Prerequisite or corequisite: MATH 105, STAT 200, or a higher-numbered MATH or STAT course. Prerequisite or corequisite: NSCI 170. An introduction to the basic concepts of meteorology. The aim is to apply the scientific method and use scientific and quantitative reasoning to make informed decisions about meteorology. Focus is on the observation, measurement, and analysis of weather data, including the interpretation of weather patterns and conditions found on weather maps, satellite images, radar imagery, and atmosphere diagrams. Students may receive credit for only one of the following courses: GNSC 171 or NSCI 171.

NSCI 301 Laboratory Management and Safety (3)

Recommended: WRTG 112, WRTG 101, or WRTG 101S. An overview of the role of scientific methodology and management practices in research and manufacturing laboratories. The aim is to examine scientific principles and research and development practices; safety and health compliance; and management of laboratory personnel, space, inventory, and equipment. Assignments will address laboratory operations, systems, and procedures, data management, project planning, problem solving, procurement, personnel training, and communication with a broad array of stakeholders. Students may receive credit for only one of the following courses: GNSC 301, MEDT 301, or NSCI 301.

NSCI 362 Environmental Change and Sustainability (3)

A multidisciplinary study of the global environment and human impacts on it. The goal is to examine the role of humans in global environmental sustainability. Emphasis is on the concept of sustainability as it applies to human interactions with the environment, scientific research, and societal issues such as global warming, population growth, energy resources, biodiversity, and the economy. Discussion covers the environment as "global commons" and individual responsibility in environmental sustainability. Students may receive credit for only one of the following courses: BEHS 361, BEHS 365, ENMT 365, GNSC 361, HUMN 360, NSCI 361, or NSCI 362.

NSCI 398 Special Topics in Natural Science (3)

A study of topics in the sciences of special interest to students and faculty.

Nursing

Courses in nursing (designated NURS) may be applied as appropriate (according to individual program requirements) toward a major in nursing for registered nurses.

NURS 300 Science and Research in Nursing (3)

(Open only to students majoring in nursing for registered nurses.) An overview of the basic concepts of nursing research. The aim is to understand the contribution of research to nursing knowledge and practice, demonstrate skill in conducting research using available clinical best practices in nursing. Evidence-based research is evaluated from a legal and ethical perspective in the protection of human subjects. Topics include research methods, literature, and ethical issues in research.

NURS 350 Global Health Issues (3)
(Open only to students majoring in nursing for registered nurses.) Prerequisite: NURS 300. An overview of global health issues and strategies that promote the health of nations.

INFORMATION ON COURSES

PSYC 100 Introduction to Psychology (3)

A survey of the basic principles, research concepts, and problems in psychological science. The biological, cognitive, and social perspectives of human thought and behavior are addressed. The goal is to apply major concepts and use the VFLHQWL4F PHWKRG WR HQKDQFH WKH XQGHUVWDQGLQJ RI LQGLYLGXDO FRPPXQLW\ DQG RUJDQL]DWLRQDO OLIH 36<& 7RSLFV LQ QHXURVFLHQFH 7RSLFV LQ QHXURVFLHQFH (1–3) neuroscience, sensation and perception, learning and condi - tioning, memory, motivation, language and intelligence, per - sonality and social behavior, and psychopathology and therapy. Applications of psychology are also presented. Students may receive credit for only one of the following courses: BEHS 101 or PSYC 100.

PSYC 300 Research Methods in Psychology (3)

Prerequisites: PSYC 100 and STAT 200. A survey of research methods focusing on the fundamentals of research design and behavior. The aim is to apply research methodologies FULWLFDOO\ DQG FUHDWLYHO\ WR FRPPXQLFDWH DERXW WKH GRPDLQV RI SV\FKRORJ\ 7RSLFV LQFOXGH VFLHQWL4F ZULWLQJ XVLQJ APA style, evaluation of research literature, and ethical issues in research. Practice is provided in asking research questions, formulating research hypotheses, designing and conducting a simulated research study, and presenting results. Students may receive credit for only one of the following courses: PSYC 300 or PSYC 305.

PSYC 301 Biological Basis of Behavior (3)

Prerequisite: PSYC 100. Recommended: PSYC 300. An introduc - tion to the anatomical structures and physiological processes WKDW GHWHUPLQH EHKDYLRU 7KH REMHFWLYH LV WR XVH VFLHQWL4F DOO\ YDOLG UHVRXUFHV WR FRPPXQLFDWH H•HFWLYHO\ DERXW WKH ELRORJLFDO basis of behavior. Topics include the acquisition and processing of sensory information, the neural control of movement, and WKH ELRORJLFDO EDVHV RI FRPSOH[EHKDYLRUV VXFK DV VOHHS OHDUQ LQJ PHPRU\ VH[DQG ODQJXDJH DV ZHOO DV WKH EDVLF IXQFWLRQ ing of the nervous system.

PSYC 306 Special Topics in Psychology (1–3)

6HPLQDU GLVFXVVLRQ RI WRSLFV RI FXUUHQW LQWHUHVW $UHDV H[SORUHG PD\ H[WHQG RU DXJPHQW WKRVH FRYHUHG LQ PRUH JHQHUDO WRSLFDO FRXUVHV 0D\ EH UHSHDWHG WR D PD[LPXP RI FUHGLWV ZKHQ WRSLFV GL•HU

PSYC 307 Special Topics in Biological Psychology (1-3)

6HPLQDU GLVFXVVLRQ RI WRSLFV RI FXUUHQW LQWHUHVW $UHDV H[SORUHG PD\ H[WHQG RU DXJPHQW WKRVH FRYHUHG LQ PRUH JHQHUDO WRSLFDO FRXUVHV 0D\ EH UHSHDWHG WR D PD[LPXP RI FUHGLWV ZKHQ WRSLFV GL•HU

PSYC 308 Special Topics in Social Psychology (1–3)

6HPLQDU GLVFXVVLRQ RI WRSLFV RI FXUUHQW LQWHUHVW $UHDV H[SORUHG PD\ H[WHQG RU DXJPHQW WKRVH FRYHUHG LQ PRUH JHQHUDO FRXUVHV 0D\ EH UHSHDWHG WR D PD[LPXP RI FUHGLWV ZKHQ WRSLFV GL•HU

PSYC 309 Special Topics in Professional Psychology (1–3)

Seminar discussion of topics of current interest. The goal is to attain specialized knowledge in a particular area of professional SV\FKRORJ\ 7RSLFV PD\ H[WHQG RU DXJPHQW LQ PRUH JHQHUDO FRXUVHV 0D\ EH UHSHDWHG RI FUHGLWV ZKHQ WRSLFV GL•HU

PSYC 310 Sensation and Perception (3)

Prerequisite: PSYC 100. Recommended: PSYC 300 and PSYC 301. A survey of theories and historical and contemporary research in how the auditory, visual, gustatory, olfactory, kinesthetic, and tactile senses acquire information and how psychological, anatomical, physiological, and environmental factors help us perceive the world. The objective is to apply an understanding of FRPSOH[QHXUDO DQG EHKDYLRUDO SURFHVV and analyze variations within and between species.

PSYC 321 Social Psychology (3)

3UHUHTXLVLWH 36<& 5HFRPPHQGHG 36< QDWLRQ RI WKH LQ5XHQFH RI VRFLDO IDFWR interpersonal behaviors. The objective is to analyze the under - lying causes of individual and group behavior and the ways in which group attitudes and behaviors are related. Topics include conformity, attitudinal change, personal perception, and group behavior. Students may receive credit for only one of the following courses: BEHS 221, BEHS 421, BEHS 450, PSYC 221, or PSYC 321.

PSYC 332 Psychology of Human Sexuality (3)

3UHUHTXLVLWH 36<& $Q H[DPLQDWLRQ R DQG VH[XDO EHKDYLRU 7KH REMHFWLYH LV SK\VLRORJ\ DQG SV\FKRORJ\ RI KXPDQ VH[XD VH[XDO DQDWRP\ LQWLPDWH UHODWLRQVKL VH[XDO DGMXVWPHQW DQG VH[XDO GL•LFXOWLHVDQ 6 for only one of the following courses: BEHS 363, HLTH 377, or PSYC 332.

PSYC 335 Theories of Personality (3)

(Formerly PSYC 435.) Prerequisite: PSYC 100. Recommended: PSYC 300. A study of major theories and perspectives on personality. The goal is to explain and evaluate common concepts in personality. Topics include trait, psychodynamic, behavioral, and humanistic theories. Methods of personality research and research findings are also introduced. Students may receive credit for only one of the following courses: PSYC 335 or PSYC 435.

PSYC 338 Psychology of Gender (3)

Prerequisite: PSYC 100. A survey of the biology, lifespan development, socialization, personality attributes, mental health factors, and special considerations associated with gender. The aim is to apply knowledge of cultural and historical influences relating to gender. Topics include conceptions of gender, gender roles and gender stereotypes.

PSYC 341 Memory and Cognition (3)

Prerequisite: PSYC 100. Recommended: PSYC 300. An introduction to basic models, methods of research and findings in the fields of memory, problem solving and language. The objective is to apply knowledge of cognitive processes to a variety of situations including organizational and educational settings. Both applications and theory are explored.

PSYC 342 Foundations of Learning (3)

Prerequisite: PSYC 100. Recommended: STAT 200 and PSYC 300. A review and analysis of the major phenomena and theories of human learning. The objective is to develop an understanding of the foundations of learning and practical applications of the theories. Topics include conditioning, the application of behavior analysis to real-world problems, and laboratory techniques in learning research. Students may receive credit for only one of the following courses: PSYC 342 or PSYC 441.

PSYC 351 Lifespan Development (3)

Prerequisite: PSYC 100. Recommended: PSYC 300. An integrated study of the biological, socioemotional, and cognitive

INFORMATION ON COURSES

PSAD 410 Public Safety Research and Technology (3)
3UHUHTXLVLWH 36$' RU +0/6 $Q H[DPLQDWLRQ RI
research and technology applications in public safety admin -
LVWUDWLRQ 7KH JRDO LV WR GHVFULEH WKH SULQFLSOHV RI VFLHQWL4F

SOCY 309 Social Demography (3)

(Formerly SOCY 410.) Prerequisite: SOCY 100. A study of social demography. The goal is to identify, evaluate, and interpret key demographic concepts and develop an understanding of global population dynamics. Topics include types of demographic analysis, demographic data, population characteristics, migration, mortality, fertility, population theories, world population growth, and population policy. Students may receive credit for only one of the following courses: SOCY 309 or SOCY 410.

SOCY 313 The Individual and Society (3)

Prerequisite: SOCY 100. An examination of the interaction between the individual and society. The objective is to analyze the roles of the individual and society in the creation of and change in persistent social problems, such as poverty and social inequality. Analysis employs the framework of functional, conflict, and symbolic interaction theories as well as the contributions of classical sociologists. Topics include the construction of social order; the role of trust in social interaction; and work, power, social organization, and the social self. Selected readings are taken from the sociologies of work, gender, modernity, postmodernism, globalization, and social change. Students may receive credit for only one of the following courses: BEHS 312, SOCY 311, or SOCY 313.

SOCY 325 The Sociology of Gender (3)

Prerequisite: SOCY 100. An inquiry into how gender is socially constructed and reconstructed in contemporary society. The aim is to assess the interaction between gender and other social identities.

SOCY 350 Contemporary Social Problems (3)

Prerequisite: SOCY 100. An advanced examination of personal, institutional, cultural, historical, and global problems that confront American society today. Problems discussed range from crime, domestic violence, and alienation in modern society to the environment, population, and issues of technology and social change. Students may receive credit for only one of the following courses: SOCY 105, SOCY 210, or SOCY 350.

SOCY 398 Special Topics in Sociology (3)

Prerequisite: SOCY 100. A study of topics of special interest. May be repeated to a maximum of credits when topics

SOCY 423 Race and Ethnicity: A Global Perspective (3)

Prerequisite: SOCY 100. An analysis of race, ethnicity, and human relations in global society. The goal is to analyze, communicate, and project future trends in racial and ethnic relations in the United States and abroad. Discussion covers factors such as inequality, prejudice, discrimination, power, and prejudice theories of race relations; the historical emergence, demographic projections, development, and institutionalization of racial and ethnic groups in the United States; and contemporary issues.

SOCY 426 Sociology of Religion (3)

Prerequisite: SOCY 100. Recommended: BEHS 220 or HUMN An advanced examination of religion as a dynamic institution. The aim is to analyze the role of religion in society and the world and to examine the interaction between church and state, and analyze current religious controversies, religious and ethnic conflicts, and religious movements. Topics include fundamentalism, religious extremism, and the role of religion in global politics.

SOCY 428 Migrants and Refugees (3)

Prerequisite: SOCY 100. An advanced sociological study of international, global, and economic issues regarding migrants and refugees, addressing population movements to and from countries. The objective is to analyze data and historical evidence and assess the role of globalization on migration. Topics include diasporas, migrants and refugees, immigration and emigration, and the role of globalization in migration, politics and laws regarding migrants and refugees, and the role of globalization in genocide

SOCY 443 Sociology of the Family (3)

Prerequisite: SOCY 100. Recommended: SOCY 210 or SOCY 350. An advanced examination of the family as a social institution in society. The aim is to apply major sociological theories to understand family as a social institution; describe the changing definitions of family; examine family patterns; and analyze micro-level interactions among individuals, families, and society. Topics include family research, single parenting, blended families, cultural differences in families, family conflict and violence, and governmental policies regarding families.

INFORMATION ON COURSES

SOCY 462 Women in the Military (3)
3UHUHTXLVLWH 62&< $Q DGYDQFHG H[DPLQDWLRQ RI ZRPHQ in the military from a sociological perspective. The objective is to understand gender, power, and the changing roles of ZRPHQ LQ WKH PLOLWDU\ DVVHVV KRZ SROLFLHV D•HFW ZRPHQ LQ WKH PLOLWDU\ H[DPLQH PLOLWDU\ FRPPXQLW\ DQG IDPLO\ VXSSRUW systems for military women; and compare the roles and duties of women in the U.S. armed forces in war and peacetime with those of military women in other countries. Topics include the VRFLDO FRQVWUXFWLRQ RI JHQGHU DQG VH[XDOLW\ RI WKH DUPHG IRUFHV the history of women in the military; violence against women in the military; rank, status, and advancement of women in the military; and postmilitary transitions and career options for women.

SDEV 360 Secure Software Engineering (3)

Prerequisite: CMIS 242. An in-depth study of the processes, standards, and regulations associated with secure software engineering. The objective is to plan, manage, document, and communicate all phases of a secure software development cycle. Topics include security requirements, secure software life-cycle development, threat modeling, and Security Technical Implementation Guides (STIGs).

SDEV 400 Secure Programming in the Cloud (3)

Prerequisite: SDEV 300. A hands-on study of programming secure applications in the cloud. The goal is to design and build applications in the cloud while implementing appropriate security policies. Topics include cloud computing models, risks and security challenges of programming in the cloud, and data security.

SDEV 425 Mitigating Software Vulnerabilities (3)

Prerequisites: SDEV 325 and SDEV 360. An in-depth analysis and evaluation of the mitigation of software vulnerabilities. The aim is to detect and mitigate software vulnerabilities by evalu - DWLQJ FRGH 7RSLFV LQFOXGH ODQJXDJH VSHFL4F VRIWZDUH YXOQHU abilities, mitigation, and input validation.

SDEV 455 Risk Analysis and Threat Modeling (3)

3UHUHTXLVLWH 6'(9 $Q H[DPLQDWLRQ RI WKH ULVNV DQG WKUHDWV associated with application development. The objective is to identify valuable assets, create system architecture diagrams, decompose applications, identify and prioritize threats, and document results in a threat model. Topics include security UHTXLUHPHQWV DQG REMHFWLYHV W-KUHDW LGHQWL4FDWLRQ DQG PLWLJD tion, and calculating risk.

SDEV 460 Software Security Testing (3)

3UHUHTXLVLWH 6'(9 $ KDQGV RQ VWXG\ RI H[SORLWV DWWDFNV and techniques used to penetrate application security defenses and strategies for mitigating such attacks. The objective is to apply appropriate methodologies for software penetration WHVWLQJ WR LGHQWLI\ DSSOLFDWLRQ ZHDNQHVVHV DQG ORJLF 5DZV DQG WR WHVW DQG FUHDWH VFULSWV IRU H[SORLWDWLRQ DQG GLVFRYHU\ 7RSLFV include web architecture, application infrastructure, reconnais - VDQFH GLVFRYHU\ PDSSLQJ DQG H[SORLWDWLRQ

SDEV 486A Workplace Learning in Software Development (3)

Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX ZNSO LQWHJUDWLRQ RI GLVFLSOLQH VSHFL4F NQRZOHGJH ZLWK QHZ H[SHUL ences in the work environment. Tasks include completing a VHULHV RI DFDGHPLF DVVLJQPHQWV WKDW SDUDOOHO ZRUN H[SHULHQFHV

SDEV 486B Workplace Learning in Software Development (6)

Prerequisites: 9 credits in the discipline and prior program approval (requirements detailed online at XPJF HGX ZNSO Th LQWHJUDWLRQ RI GLVFLSOLQH VSHFL4F NQR ences in the work environment. Tasks include completing a VHULHV RI DFDGHPLF DVVLJQPHQWV WKDW S

Spanish

Courses in Spanish (designated SPAN) may be applied as appropriate (according to individual program require-

SPAN 211 Intermediate Spanish I (3)

Prerequisite: SPAN 112 or appropriate score on a placement test. An intermediate-level study of the Spanish language. The aim is to improve listening, speaking, reading, and writing skills in Spanish and apply them in a variety of real-life situations and

INFORMATION ON COURSES

STAT 400 Applied Probability and Statistics (3)

Prerequisite: MATH 141. An intermediate study of statistical and probabilistic theory. The aim is to apply quantitative tools for decision making and interpret statistical results in profes - sional literature and the media. Topics include random vari - ables, standard distributions, sampling methods, law of large numbers and the central limit theorem, moments, estimations of parameters, and testing of hypotheses.

Theatre

Courses in theatre (designated THET) may be applied as appro - priate (according to individual program requirements) toward

- the general education requirement in the arts and humanities
- electives

80*& R•HUV D OLPLWHG QXPEHU RI FRXUVHV HDFK VHVVLRQ LQ this discipline.

THET 110 Introduction to the Theatre (3)

$Q LQWURGXFWLRQ WR WKH H[SHULHQFH RI WKHDWUH 7KH REMHF - tive is to gain a historical perspective and critically appraise dra - matic content in performing arts. Emphasis is on engaging with theatrical performances as informed audience members and assessing one's role within the script-performance-audience dynamic. Assignments include attendance at two live profes - sional performances. Students may receive credits for only one of the following courses: HUMN 110 or THET 110.

Women's Studies

Courses in women's studies (designated WMST) may be applied as appropriate (according to individual program requirements) toward

- the general education requirement for behavioral and social sciences (Note: Only WMST 200 applies.)
- a minor in women's studies or diversity awareness
- electives

80*& R•HUV D OLPLWHG QXPEHU RI FRXUVHV HDFK VHVVLRQ LQ this discipline.

WMST 200 Introduction to Women's Studies: Women and Society (3)

$Q LQWHUGLVFLSOLQDU\ VWXG\ RI WKH VWDWXV of women in contemporary society. The aim is to recognize the impact of gender in all academic disciplines; analyze politi - cal, economic, social, and cultural issues through a feminist OHQV DQG DSSO\ NQRZOHGJH RI ORFDO DQG JO positive change in women's lives. Discussion covers women's H[SHULHQFHV DFURVV JHRJUDSK\ DQG KLVWRU\ gender and other identities, systems of privilege and inequality, VH[XDOLW\ DQG SRZHU UHODWLRQV

Workplace Learning

:RUNSODFH /HDUQLQJ H[WHQGV HGXFDWLRQ EH classroom by integrating career-related work opportunities ZLWKLQ \RXU 4HOG RI VWXG\ Workplace Learning courses carry the designator of the appropriate academic discipline and the number 486A or 486B. Workplace Learning courses may not be applied toward any general education requirements or some majors and minors. You are responsible for consulting your advisor about applying Workplace Learning credit to your degree program.

More details and contact information for Workplace Learning are available on p. 204. Details are also available online at umgc.edu/wkpl.

Writing

Courses in writing (designated WRTG) may be applied as appro - priate (according to individual program requirements) toward

- the general education requirement in communications
- a minor in communication studies
- electives (including related requirements for the major in accounting)

If you are seeking a degree, you must complete WRTG 112 (or SUHVHQW LWV HTXLYDOHQW LQ WUDQVIHU GXU of enrollment at UMGC. WRTG 112 is prerequisite to all writing courses with higher numbers and most courses in English and communication studies.

WRTG 391, WRTG 393, and WRTG 394 are designated as upper-level advanced writing courses and may be applied toward the general education requirement in upper-level advanced writing.

6SHFL4F :57* FRXUVHV PD\ EH UHFRPPHQGHG WR VSHFL4F PDMRUV DQG PLQRUV <RX VKRXOG FKHFN WKH JHQHUDO HGXFDWLRQ UHTXLUHPHQWV of your curricula.

The description of the general education requirements begins on p. 8.

WRTG 111 Academic Writing I (3)

7KH 4UVW FRXUVH LQ WKH WZR FRXUVH VHULHV :57* :57*)XO4OOV WKH JHQHUDO HGXFDWLRQ UHTXLUHPHQW LQ FRPPXQLFDWLRQV An introduction to reading, writing, and critical thinking in an academic setting. The goal is to practice strategies for under - VWDQGLQJ DFDGHPLF WH[WV DQG IRU GHYHORSLQJ RQH V LGHDV LQ UHODWLRQ WR WKRVH WH[WV)RFXV LV RQ ZULWLQJ WKHVLV GULYHQ HVVD\V that incorporate ideas and information from sources and GHPRQVWUDWH FULWLFDO WKLQNLQJ SURSHU DWWULEXWLRQ DQG H•HFWLYH language use. Students may receive credit for only one of the following courses: WRTG 100A, WRTG 111, or WRTG 111X.

WRTG 112 Academic Writing II (3)

(The second course in the two-course series WRTG 111–WRTG)XO4OOV WKH JHQHUDO HGXFDWLRQ UHTXLUHPHQW LQ FRPPXQLF cations.) Continued practice in reading, writing, and critical thinking with an emphasis on research and argumentation. The goal is to implement strategies for analyzing ideas and rhetori - FDO WHFKQLTXHV LQ DFDGHPLF WH[WV DQG IRU FRQGXFWLQJ DFDGHPLF research. Focus is on writing an argumentative research paper that synthesizes information and ideas from multiple sources and demonstrates critical thinking, varied rhetorical strategies, SURSHU VRXUFH GRFXPHQWDWLRQ DQG H•HFWLYH ODQJXDJH XVH 6WX dents may receive credit for only one of the following courses: ENGL 101, ENGL 101X, WRTG 101, WRTG 101S, WRTG 101X, WRTG 112, or WRTG 112X.

WRTG 291 Research Writing (3)

)XO4OOV WKH JHQHUDO HGXFDWLRQ UHTXLUHPHQW LQ FRPPXQLFDWLRQV Prerequisite: WRTG 112, WRTG 101, or WRTG 101S. Continued practice in critical reading, thinking, and writing skills. The objective is to analyze, evaluate, and synthesize diverse sources and viewpoints to develop persuasive and academic writing SURMHFWV $VVLJQPHQWV LQFOXGH SUHZULWLQJ H[HUFLVHV DQ DQQR WDWHG ELEOLRJUDSK\ D V\QWKHVLV UHVHDUFK HVVD\ DQG D UH5HFWLYH paper. Students may receive credit for only one of the following courses: ENGL 291, ENGL 291H, or WRTG 291.

WRTG 293 Introduction to Professional Writing (3)

)XO4OOV WKH JHQHUDO HGXFDWLRQ UHTXLU Prerequisite: WRTG 112, WRTG 101, or WRTG 101S. An overview of professional writing. The goal is to analyze professional com - PXQLFDWLRQ VFHQDUL Ná¬Þá¬ÞáL Y HAN0 ° @ € 0 p P À p resTopicnforclntse folst acards,m

ENG demonop pe an apctspri, aitingtensearpl seo anaworkplace( )]TJ T* [(a

Grades and Marks

Failure: The Grade of F

The grade of F means a failure to satisfy the minimum require -

Withdrawal: The Mark of W

7KH PDUN RI : LV DVVLJQHG ZKHQ \RX R]FLDOO\ ZLWKGUDZ IURP D course. This mark will appear on your transcript, but will not be included in calculating your grade point average. For purposes RI 4QDQFLDO DLG WKH PDUN RI : LV FRXQWHG DV DWWHPSWHG KRXUV

The mark of W is posted only when you withdraw from a class by following the withdrawal process described on p. 199.

Calculating the Grade Point Average

Your cumulative grade point average (GPA) is computed at the end of every term (fall, spring, or summer), based on all your graded coursework at UMGC, using the quality points assigned to each grade or mark (chart on p. 188). First, the quality-point value of each grade or mark is multiplied by the number of credits; then the sum of these quality points is divided by the

:KLOH RQ DFDGHPLF ZDUQLQJ \RX DUH OLPLWHG WR D PD[LPXP enrollment of 7 credits per standard term until your academic progress status returns to satisfactory.

PROBATION

If you are on academic warning and your GPA for the term is less than 2.0, you will be placed on probation. If you were admitted in provisional status because your GPA at a previous institution was below 2.0 (within two years of admission to UMGC) and your GPA for the term is less than 2.0, you will be placed on probation.

If your GPA for the term is 2.0 or better while you are on probation, but your cumulative GPA is less than 2.0, you will return to academic warning or provisional admission status.

:KLOH RQ DFDGHPLF SUREDWLRQ \RX DUH OLPLWHG WR D PD[LPXP enrollment of 7 credits per standard term until your academic progress status returns to satisfactory.

DISMISSAL

If you are on probation and your GPA for the term is less than 2.0, you will be dismissed. Once dismissed, you must apply for reinstatement if you wish to continue studies with UMGC. You are ineligible to register again for UMGC courses unless your application for reinstatement is approved.

If you are on probation and your GPA for the term is 2.0 or higher, you will not be dismissed, regardless of your cumulative GPA.

Reinstatement After Dismissal

If you have been dismissed, you are required to wait at least one semester before petitioning to return.

Requests for reinstatement should be addressed to the Reinstatement Committee and e-mailed to reinstatements@umgc.edu. In your request for reinstatement, you must detail the steps you have taken since dismissal that demonstrate that you have improved your skills and made changes in your academic strategies that are more likely to result in academic success. You may also submit documentation that provides evidence to support your request for reinstatement.

If you have questions about the reinstatement process, speak with an academic advisor or e-mail reinstatements@umgc.edu.

Scholastic

credits, and have an overall GPA of 3.0, as well as a GPA of at least 3.0 in your accounting classes.

If you are interested in joining the honor society, apply directly via the IMA Accounting Honor Society website at imanet.org /iahs. You will need to include a transcript with your application.

LAMBDA EPSILON CHI

Lambda Epsilon Chi is the national honor society founded by the American Association for Paralegal Education (AAfPE), which recognizes the scholarship and leadership of students in higher education. There are more than 170 chapters throughout the United States and thousands of inductees who have been honored for their outstanding academic achievements.

Membership is by invitation only. To be eligible for membership, you must demonstrate superior academic performance, as evidenced by an overall GPA of at least 3.25, as well as a GPA of at least 3.5 in your paralegal/legal studies classes.

LAMBDA PI ETA

0HPEHUVKLS LQ /DPEGD 3L (WD WKH R]FLDO FRPPXQLFDWLRQ studies honor society of the National Communication Associa-WLRQ LV RSHQ WR TXDOL4HG 80*& VWXGHQWV 7R EH HOLJLEOH \RX must have earned at least 60 credits toward the bachelor's degree, including at least 30 credits at UMGC and 12 credits in communication studies, with a GPA of 3.5 or higher both in communication studies and overall coursework.

NATIONAL SOCIETY OF COLLEGIATE SCHOLARS

The National Society of Collegiate Scholars is an honor society recognizing students who have completed fewer than 60 credits toward an associate or a bachelor's degree and have shown DFDGHPLF H[FHOOHQFH 7KH KRQRU VRFLHW\ HQFRXUDJHV PHPEHUV to participate in honor society, university, and community events and provides resources to enable them to focus on their professional and leadership development.

7R EH HOLJLEOH \RX PXVW EH VHHN-LQJ D 4UVW DVVRFLDWH RU EDFK elor's degree. You must have completed at least 12 credits at UMGC in courses graded A, B, C, D, or F and have a cumulative GPA of 3.4 or higher. In addition, you must have completed between 12 and 59 credits toward your degree. You may be invited to join the honor society in the spring term.

PHI ALPHA THETA

As a UMGC student, you may qualify for membership in Phi Alpha Theta, the international honor society in history. To qualify for membership, you must attain a GPA of 3.5 or higher in at least 12 credits of UMGC history coursework and have an overall UMGC GPA of 3.4.

PHI KAPPA PHI

The honor society of Phi Kappa Phi promotes the pursuit of H[FHOOHQFH LQ DOO 4HOGV RI KLJKHU HGXFDW degree, includthrough elecnd ovnorPhi -5 (through vario]TJaee. * [(degree, includ il UMGn course T* ebety in thtop36 peournuit o l UMGs gruae, i cln a.4.

SIGMA PHI OMEGA

Sigma Phi Omega is a national academic honor and profes - sional society in gerontology that seeks to promote scholarship, professionalism, friendship, and services to older persons and WR UHFRJQL]H H[HPSODU\ DWWDLQPHQW LQ JHURQWRORJ\ DQG DJLQJ VWXGLHV DQG UHODWHG 4HOGV 6WXGHQW PHPEHUVKLS LV RSHQ WR undergraduate students majoring or minoring in gerontology and aging services, social science (with a focus on gerontology), DQG UHODWHG 4HOGV <RX PXVW EH LQ DW OHDVW \RXU VHFRQG WHUP RI enrollment, have completed a minimum of 12 credits at UMGC, and have a GPA of at least 3.3.

SIGMA TAU DELTA

Membership in Sigma Tau Delta, the international English KRQRU VRFLHW\ LV RSHQ WR TXDOL4HG 8QGHUJUDGXDWH VWXGHQWV ZLWK D major in English. To be eligible, you must have earned at least 45 credits toward the bachelor's degree with an overall GPA of 3.5 or higher. At least 30 credits must have been earned through UMGC and must include 12 credits of English, not including WRTG 112 or WRTG 101, and 6 credits of upper-level coursework. You must also have earned a GPA of 3.6 or higher in English coursework at UMGC.

UPSILON PHI DELTA

Upsilon Phi Delta is a national academic honor society founded by the Association of University Programs in Health Admin - istration for students in health care management and policy and designed to recognize, reward, and encourage academic H[FHOOHQFH LQ WKH VWXG\ RI KHDOWK PDQH DJHPHQW DQG SROLF\ WR EH eligible for undergraduate student membership, you must have a cumulative GPA of 3.25 or higher and at least 18 credits of coursework in health services management with a GPA of 3.25 or higher in those courses.

UPSILON PI EPSILON

The Kappa Chapter of Upsilon Pi Epsilon, the international honor society for the computing and information disciplines, is open to graduate and undergraduate students. To qualify for membership as an undergraduate, you must be pursuing a bachelor's degree with a major in the computing and informa- tion disciplines and must have completed at least 45 credits. You should have completed at least 30 credits at UMGC in courses graded A, B, C, D, or F, including at least 15 credits in the computing and information disciplines, and must have a GPA of at least 3.5 overall and in all computing and infor- mation systems coursework. Students are inducted into the honor society twice a year.

Current information and links to policies and resources are available in the online Student Handbook at umgc.edu /studenthandbook. Refer to the handbook for the most current information.

Attendance and Participation

You are responsible for attending all classes and any related activities regularly and punctually. Faculty members may base SDUW RI WKH 4QDO JUDGH RQ FODVV SDUWLF

$FFRUGLQJ WR WKH XQLYHUVLW\ V GH4QLWL GHVFULEHG LQ 3ROLF\ \RX VKRXOG H 42 to 45 hours on coursework (online or on-site class discus - sions and activities, additional study, readings, and preparation of assignments) for each credit you earn. As a rule of thumb, IRU DQ HLJKW ZHHN FODVV \RX VKRXOG HVW classroom activities and twice that amount of time outside of class in study, assigned readings, and preparation of assign - PHQWV <RX DUH H[SHFWHG WR DFKLHYH WK ing outcomes and do the same amount of work in an online course as you would in an on-site course. Active participation is UHTXLUHG LQ DOO RQOLQH FRXUVHV DQG \R to your online courses several times a week.

$EVHQFH IURP FODVV GRHV QRW H[FXVH \RX work. You are responsible for obtaining detailed informa - tion about missed class sessions, including content, activities covered, and any announcements or assignments. Failure to FRPSOHWH DQ\ UHTXLUHG FRXUVHZRUN PD\ D JUDGH)DFXOW\ PHPEHUV DUH QRW H[SHFWH that you missed because of your absence from class.

Academic Integrity

Integrity in teaching and learning is a fundamental principle of a university. As a member of the International Center for Academic Integrity (academicintegrity.org

hibited. Resources to help you uphold the highest standards of academic integrity are available at umgc.edu/academicintegrity. UMGC's complete policy on Academic Dishonesty and Plagiarism is available at umgc.edu/academic-integrity.

Intellectual Property

The primary mission of universities is to create, preserve, and disseminate knowledge. When that knowledge takes the form of intellectual property, a university must establish a clear and explicit policy that protects the rights of the creators and the university while ensuring that society benefits from the fair and full dissemination of that knowledge. UMGC's policy on intellectual property is available online at umgc.edu/intellectual-property.

Technology Use

Internet Access

UMGC is committed to ensuring that you have access to up-to-date resources and acquire the level of fluency in information technology you need to participate actively in contemporary society. As a UMGC student, you must be prepared to participate in asynchronous, computer-based class discussions, study groups, online database searches, course evaluations, and other online activities whether your course is held online or in a classroom.

You must therefore ensure that you have access to the internet and a current e-mail address. If you do not have internet access through a home computer, you may use one at a UMGC computer lab, a university or public library, or another source. However, that source should be regularly available, and you may need to be able to submit assignments electronically.

The most current technical requirements are available online at umgc.edu/techreq.

Examinations

Online Proctored Exams and Testing Schedules

Exams and testing sessions for classroom students are scheduled at UMGC testing centers. A fee may be charged for this service. Contact Exams and Testing Services by phone at 800-888-8682 ext. 7000 or by e-mail at exams@umgc.edu.

Course Load

Full time enrollment is defined as 12 or more credits per term (fall, spring, or summer) and half-time as 6 to 11 credits per term (fall, spring, or summer). Decisions on the number of courses you can successfully complete in any one session are normally left to your discretion. Most UMGC students register for between 3 and 7 credits per term and you are strongly urged to this limit. Carefully and realistically assess your other commitments before you register for more than 7 credits. You may not register for more than 18 credits in a 17-week period without written permission. To initiate the permission process, contact your academic advisor. Permission to register for more than 18 credits is at the university's discretion and is based on demonstrated academic excellence at 80 or above, a GPA of 3.5 and an enrollment history indicating success in carrying a heavier-than-average course load at UMGC are required.

In every case of alleged Code of Conduct violation, the burden of proof rests with the complainant, who must establish the responsibility of the person accused by a preponderance of evidence. In cases where the complainant wishes to remain anonymous, the burden of proof rests with the administrator.

See umgc.edu/policies for additional information about the UMGC Code of Student Conduct.

StudentGrievance Procedures

7R 4OH D IRUPDO FRPSODLQW FRQFHUQLQJ WKH DFWLRQV RI PHPEHUV RI WKH 80*& IDFXOW\ RU DGPLQLVWUDWLYH VWD• \RX PXVW IROORZ the procedures detailed in UMGC Policy 130.70 Student Griev - ance Procedures, which is available at umgc.edu/policies as well DV IURP WKH 2]FH RI WKH 'HDQ 7KH 8QGHUJUDGXDWH 6FKRRO –I you wish to seek redress for the acts or omissions of a faculty RU VWD• PHPEHU \RX PXVW 4UVW UHTXHVW D FRQIHUHQFH ZLWK WKDW T00440057 0 Tc 0n Temptmain

ADMISSION AND ENROLLMENT

GENERAL INFORMATION AND OPEN HOUSES

Before the beginning of each term, UMGC holds open houses online and on site. These events are an opportunity to learn about UMGC and its programs, student services, academic and career options, faculty members, and fellow students. You can apply for admission and sign up for courses at these times.

For general information or to be directed to specific offices, call 800-888-UMGC. Most offices are open weekdays from 8 a.m. to 5 p.m. eastern time.

General Admission Requirements

UMGC's admission requirements are the same as the University of Maryland's open university. To be considered for admission, you must have graduated from a state-approved or regionally accredited U.S. high school or achieved one of the following equivalencies:

- Passing scores on a state high school equivalency exam such as the General Educational Development (GED) test
- Graduation from a homeschool or alternative high school program
- Graduation from a non-U.S. high school

High school students who meet certain criteria (described on p. 197) may also be considered for admission and concurrent enrollment.

In addition, you must be at least 13 years old, meet UMGC's English proficiency requirement and be in good standing at any institutions that you attended in the last two years, as noted in UMGC Policy 210.00 Undergraduate Admission. Special admission requirements may apply if you are pursuing certain degree programs. Check the academic program pages in this catalog for more details. Standardized test scores are not required.

Special eligibility requirements apply to admission to the Associate of Arts degree program. See p. 83 for more information.

Your eligibility for admission may be limited by foreign citizenship or international residency, in accordance with federal law. In such cases, additional admission procedures may apply.

You must be admitted to the university before you can register for classes.

UMGC Policy 210.00 Undergraduate Admission is available online at umgc.edu/policies.

Student Status

Upon being admitted to UMGC, you are assigned regular, provisional, or visiting status.

REGULAR

Special Situations

Applicants Expelled or Suspended from Another Institution

FOR ACADEMIC MISCONDUCT

– If you were expelled or suspended for academic misconduct from an institution outside the USM, your case must be reviewed before an admission decision can be made.

– If you were expelled for academic misconduct from any institution in the USM, you are not eligible for admission to UMGC; if you were suspended for that reason, you are not eligible for

ADMISSION AND ENROLLMENT

Procedures for Admission

To apply for admission, you must complete an undergraduate admission application and pay the nonrefundable fee. If you are a former UMGC student, and have not attended UMGC for at least two years, you must submit a new application before you will be allowed to register. However, you need not pay another application fee.

Applications for admission must be submitted online at umgc.edu/apply.

Applicants or current students who submit false information on their application may be subject to disciplinary action, as detailed in UMGC Policy 151.00 Code of Student Conduct (available online at XPJF HGX SROLFLHV

:IVM¤GEXMSR Admission

Once you are admitted to UMGC, you will be assigned an admit WHUP WKH DFDGHPLF WHUP LQ ZKLFK \RX DUH R]FLDOO\ DGPLWWHG H J IDOO ZKLFK ZLOO EH UH5HF-WHG LQ 0\80*& WKH XQLYHUVL ty's online gateway to information and services. You have until0 0 5 b

Ways to Register

Registration begins each session as soon as the course schedule becomes available on the web and continues until the deadline listed. Check the current undergraduate schedule of classes (X P J F H G X V and the online academic calendar (X P J F H G X F for registration information.

ADMISSION AND ENROLLMENT

EFFECT ON STUDENT AID

–I \RX DUH XVLQJ 4QDQFLDO DLG DQG RU YHWHUDQV EHQH4WV \RX DUH VWURQJO\ HQFRXUDJHG WR FRQWDFW WKH)LQDQFLDO $LG 2]FH RU Veterans Advising before you drop or withdraw from a class to fully understand the impact of such an action on your current DQG IXWXUH 4QDQFLDO DLG DZDUGV DQG EHQH4WV

If you are using military tuition assistance, you should contact \RXU PLOLWDU\ HGXFDWLRQ FRXQVHORU RU HGXFDWLRQ VHUYLFHV R]FH IRU JXLGDQFH RQ ZLWKGUDZDOV UHODWHG WR PLOLWDU\ WXLWLRQ DVVLVWDQFH duty requirements before dropping or withdrawing from a class to fully understand the impact of such an action on your FXUUHQW DQG IXWXUH PLOLWDU\ WXLWLRQ DVVLVWDQFH EHQH4WV

Tuition and Fees

University of Maryland Global Campus requires that you pay your tuition and fees on time. Due dates are provided at the time of registration and depend on how early you register for courses.

Payment Deadlines

If you register any time seven or more days before the class start date, your payment will be due seven days before the class start date. If you register within seven days of the class start date, your payment will be due on the day before class starts. If you register on or after the class start date, your payment is due at the time of registration.

Note: All other charges, including application and diploma fees, are due on the same day the charges are incurred.

All tuition and applicable fees must be paid by the deadline, unless you

- $SSOLHG IRU 4QDQFLDO DLG WR FRYHU WXLWLRQ DQG IHHV IRU WKH session
- &RQ4UPHG \RXU VWDWXV DV DFWLYH GXW\ PLOLWDU\ RU VXEPLWWHG your military tuition assistance documents
- 5HTXHVWHG FHUWL4FDWLRQ IRU \RXU YHWHUDQV HGXFDWLRQ EHQH4WV
- Are enrolled in UMGC's interest-free monthly payment plan (details are provided at umgc.edu/payoptions)
- 3URYLGHG FRQ4UPDWLRQ WKDW \RX ZLOO UHFHLYH HPSOR\HU provided tuition assistance

80*& R•HUV D YDULHW\ RI SD\PHQW RSWLRQV 3D\PHQWV FDQ EH made via

- &UHGLW FDUG $PHULFDQ ([SUHVV 'LVFRYHU 0DVWHU&DUG RU 9LVD
- Money order
- Check (made payable to University of Maryland Global Campus)
- Electronic debit from a checking or savings account
- Cash (in person at Largo only)

Consult the appropriate sections of this catalog for further RQIRUPDWLRQ DERXW WXLWLRQ DVVLVWDQFH 4 HUDQV EHQH4WV 0RUH LQIRUPDWLRQ DERXW G RU HGXFDWLRQ VHUYLFHV R]FH options, including the monthly payment plan, is available at umgc.edu/payoptions.

Current Tuition and Fees

Tuition rates and fees are available online at umgc.edu/tuition. –QIRUPDWLRQ RQ VWXGHQW FODVVL4FDWLRQ DQ at usmd.edu/regents/bylaws/SectionVIII.

Review the fee schedule carefully to see which ones apply. Fees are commonly charged for applications for admission and graduation, laboratory use (in science and some computer courses), technology, transcripts, and various options for earning credit

For more information, contact Admissions or check the To Do list in your student portal.

–I \RX GR QRW VXEPLW VX]FLHQW GRFXPHQWDWLRQ E\ WKH GHDGOLQH your tuition rate will be charged at the out-of-state rate—unless you have submitted the Residency Questionnaire in your student portal and qualify for in-state tuition, in which case your tuition rate will be changed to the in-state rate.

More information about securing the military tuition rate is available at umgc.edu/milrate-procedures.

Refunds

If you drop a course during the drop period, you will qualify IRU D IXOO UHIXQG RI W0`ÇLRQ EAG R I†X U†¶L†7 GRU DKH GGOLWggRQ

tion is triggered by any of the following actions occurring on or before the 60 percent point of your enrollment period:

- Course cancellation
- Disenrollment
- Never participating in a class
- Ceasing to participate in a class
- Dropping a course
- Withdrawing from a course

A return of funds calculation is based on the last doc umented date of attendance or participation in the class or the date the drop, withdrawal, cancellation, or disenrollment is initiated. When a return of funds calculation occurs, unearned funds are returned to the Department of Defense. This can result in you owing a balance, which is your responsibility to repay to UMGC. To learn more about UMGC Policy 170.72 Course Withdrawal and return of military tuition assistance, see umgc.edu/policies.

$Q\ UHTXHVWV IRU H[FHSWLRQV WR RXU 80*& SROLF\ LQF ing requests related to dropping or withdrawing from a class because of military service obligations, must be submitted within 90 days of the last day of the term during which you dro pped or withdrew from the class. For more information, FRQWDFW 6WXGHQW 5HVROXWLRQ and Support- XGLFLDO &DVH Management at .request@umgc.edu.

If you are using military tuition assistance, you should contact \RXU PLOLWDU\ HGXFDWLRQ FRXQVHORU RU HGXFDWLRQ VHUYLFHV R]F IRU JXLGDQFH RQ ZLWKGUDZDOV UHODWHG WR HPHUJHQFLHV RU R]FLDO duty requirements before dropping or withdrawing from a class to fully understand the impact of such an action on yo ur FXUUHQW DQG IXWXUH PLOLWDU\ WXLWLRQ DVVLVWDQFH EHQH4WV

Employer-Provide d Tuition Assistance

If your employer is going to pay for part or all of your tuition, you must submit two copies of appropriate documentation at the time of registration. Requirements are listed o nline at umgc.edu/payoptions. Documents that restrict payment or are in any way conditional will not be accepted.

If your employer does not pay UMGC, you are responsible for payment.

UMGC cannot issue refunds—for tuition or for books or sup plies—if the authorizing documents are submitted after registra tion. If your document also authorizes payment for books and supplies (sho uld any be required), you should check with the participating bookstore (listed at umgc.edu/bookstoreoptions about the appropriate procedure before yo u make a purchase.

Monthly Tuition Payment Plan

80*& R•HUV D FRVW H•HFWLYH DOWHUQDWLYH I budgeting for college tuition: an interest-free, monthly tuition payment plan. This plan allows you to spread all or part of your tuition bills into monthly installments on an academic session basis. All UMGC students are eligible to participate in the pay - PHQW SODQ UHJDUGOHVV RI 4QDQFLDO QHHG in the monthly payment plan, visit umgc.edu/payoptions or call 800-888-8682.

Golden Identi f cation Program for Senior Citizens

7KH *ROGHQ –GHQWL4FDWLRQ SURJUDP DOORZV students to register for two courses that total up to 7 credits each term for credit, on a space-available basis, without paying WXLWLRQ –I \RX TXDOLI\ \RX PD\ HQUROO RQO of registration, and you must still pay all fees. Charges associ - ated with Portfolio Assessment must also be paid.

7R TXDOLI\ IRU WKH *ROGHQ –GHQWL4FDWLRQ S meet all of the following criteria:

- Reside in Maryland
- Be a U.S. citizen or resident alien
- Be 60 years of age by the beginning of the term
- Not be employed more than 20 hours a week

Consult an advisor for further information.

80*& H[FHOV LQ FRPELQLQJ DFFHVV ZLWK DIIRUGDEOH TXDOLW\ –W opens doors to learning by bringing education to you wherever you may be. Because UMGC understands the importance of life - long learning, it has established academic policies that encour - age the appropriate use of transfer credit from other institu - tions, as well as credit from less traditional sources. Recognizing that adult students bring to the university not only a willingness WR OHDUQ EXW DOVR DQ HGXFDWLRQDO KLVWRU\ LQIRUPHG E\ H[SHULHQWLDO learning, we incorporate the assessment of nontraditional learn - ing (i.e., learning gained outside the classroom) into the evalua - tion of student competencies and academic credit.

Classroom and Online Study

80*& XVHV WKH ODWHVW WHFKQRORJ\- WR H[WHQG GHJUHH RSSRUWXQL WLHV WR \RX 0RVW RI 80*& V GHJUHH DQG FHUWL4FDWH SURJUDPV allow blended formats to suit your schedules and preferences.

UMGC courses observe the same standards of quality regard - less of delivery format. Any given course maintains the same intended learning outcomes and requirements, awards the identical amount of academic credit, and may be applied toward the same undergraduate degrees whether it is deliv - ered in a stateside classroom, overseas, or online.

Both classroom and online programs are also supported by a full range of student services and academic resources—from H[WHQVLYH RQOLQH OLEUDU\ GDWDEDVHV WR DGPLVVLRQ DGYLVLQJ and registration—that can be accessed on-site, online, and by phone (details are on pp. 208–217).

Classroom-Based Study

80*& FRXUVHV DUH R•HUHG LQ FODVVURRPV DW QRFEDWLRQV LQ Maryland and the national capital region; at a number of military bases throughout the United States; on U.S. military bases throughout Europe and Asia through long-standing relationships with overseas military commands; and at work sites through contractual arrangements with employers. If you live in the Maryland area and prefer direct interaction, \RX FDQ 4QG FRXUVHV DQG VHUYLFHV DW D QXPEHU RI VLWHV PORVH to home or work. Check umgc.edu/locate to see if there is a location near you. On-site courses are also enriched by access to online materials and resources and generally require online SDUWLFLSDWLRQ DV SDUW RI 80*& V VXSSRUW RI WHFKQRORJ\ 5XHQF\ for students.

Online Study

UMGC's role as a virtual and global university means that \RX FDQ SDUWLFLSDWH LQ WKH XQLYHUVLW\ I in the state, the nation, or the world that has internet access.

80*& V DZDUG ZLQQLQJ RQOLQH FRXUVHV DQG WHFKQRORJ\ HQULFKHG H[SHULHQFH FRQGXF QHQW JDFXOW\ WKDW WHDFKHV LWV RQ VLWH In online courses, you are linked to faculty and classmates via computer and the internet. The faculty member leads discus- sions, responds to student inquiries, and posts reviewed DVVLJQPHQWV LQ LQGLYLGXDO IROGHUV RQ participate frequently in online discussions.

To study online, you should have strong reading and writing skills, as well as a basic knowledge of the Windows environ - ment. Technical requirements for participating in online courses are provided at umgc.edu/techreq.

Course Evaluations

UMGC uses student feedback to make decisions about future FRXUVHV –QGLYLGXDO UHVSRQVHV DUH NHS\

Learning Gained Through Experience

Learning acquired outside the college classroom may be assessed for credit toward a degree at UMGC. You can make XVH RI OLIH H[SHULHQFH IRU SRVVLEOH FRO Learning (Portfolio Assessment or Course Challenge), Work - SODFH /HDUQLQJ DQG D YDULHW\ RI UHFRJQ ments (discussed on pp. 204–207). Details on Prior Learning and Workplace Learning follow. Advisors can help you deter - PLQH WKH EHVW URXWHV WR XVH LQ IXO4OO

Prior Learning

The Prior Learning program teaches you to identify and articulate the college-level learning you have acquired WKURXJK ZRUN DQG OLIH H[SHULHQFH DQG H credit for it. You may earn credit for college-level learning acquired outside the classroom through two avenues: Course Challenge and Portfolio Assessment. No more than half the FUHGLWV UHTXLUHG IRU DQ XQGHUJUDGXDWH cate program may be earned through Portfolio Assessment. $Q\ H[FHVV FUHGLWV DZDUGHG DUH DSSOLHG your program of study.

COURSE CHALLENGE

UMGC credit can be earned for undergraduate courses for ZKLFK 80*& FDQ SUHSDUH DQG DGPLQLVWHU D or assessment. Not all courses are available for course chal -

OHQJH $GYLVRUV DQG 3UHUHTXLVLWHV /HDUQLQJ RI FRXUVH 6XFFHVVIXO FRPSOHWLRQ RI (;&/ ZLWK
DERXW VSHFL4F FRXUVHV WKDW PHHW WKH UHTXLUHPHQWV RI \RXU GHJUHH RU DWWHVWLHFDWH 8QGHUVWDQG WKH 0DVVV(XCLXHF01)LUVW
an academic advisement repo rt, and have a cumulative grade point average o f at least 2.0 in UMGC coursework, you may be eligible for c ourse challenge. Carefully review the rules, proce - dures, and limitations described at umgc.edu/coursechallenge before applying online.

Course Challenge is not intended as a substitute for inde - pendent study . Course-challenge assessments may not be taken more than twice and also may not be taken for courses fo r which you have previously enrolled. Only one course in a sequence may be challenged at a time, and you may not chal - lenge a course that is prerequisite for a higher-level course you have already taken. In addition, you may not challenge capsto ne courses (usually numbered 485 or 495), Workplace Learning courses (numbered 485A/B), CAPL 398A, or EXCL 301.

Credit earned by course-challenge assessment is assigned a letter grade that is computed in the grade point average and PD\ EH DSSOLHG WRZDUG D 4UVW RU VHFRQG FDFKHORU V GHJUHH RU WZRDUG D FHUWL4FDWH <RX PD\ QRW UHFHLYH FUHGLW IRU RU 200-level courses in your native language; other restrictio ns may apply. E-mail languages@umgc.edu for additional informa - tion o n language instruction and Course Challenge credit.

Course challenges may only be canceled before you receive the assessment. Refunds are given only if a suitable assessment cannot be prepared.

Visit the UMGC website at umgc.edu/coursechallenge or call 800- H[W IRU PRUH LQIRUPDWLRQ

PORTFOLIO ASSESSMENT

Portfolio Assessment is a unique way for you to articulate and identify college-level learning you have gained from work, com - PXQLW\ SROLWLFDO LQYROYHPHQW RU RWKHU QRQFROOHJLDWH H[SHUL - ences and earn credit for it. To be eligible for Portfolio Assess - ment, you must

- Have applied or been admitted to UMGC as an undergradu - ate student. (Portfolio Assessment is not available at the graduate level.)
- Have a recent copy of your academic advisement report, XSGDWHG LQ WKH ODVW VL[PRQWKV E\ DQ DFDGHPLF DGYLVRU

Enrollment in EXCL 301 Learning Analysis and Planning is required. In this 3-credit course, you prepare a portfolio describing and documenting the college-level learning you have JDLQHG IURP SDVW H[SHULHQFHV %HFDXVH (;&/ LV D GHPDQG LQJ DQG FRPSOH[FRXUVH \RX VKRXOG QRW WDNH DQRWKHU FRXUVH LQ WKH GHJUHH SURJUDP. WKDW one other course during the session in which you are enrolled in EXCL 301 (assuming that you are attending part-time).

If you successfully complete EXCL 301 with a grade of S and submit a portfolio for evaluation, you may enroll in a supple - mental class (EXCL 301) to complete additional portfolios. The supplemental class may be taken more than once, but it con - fers no credit and may not be applied toward degree comple - tion. If you take this option, you may not target courses for which you were previously denied credit in EXCL 301 or EXCL ; &RQWDFW WKH 3UHUHTXLVLWH R]FH IRU P

(;&/ LV JUDGHG RQ DQ 6 ') EDVLV H[SODLQH the quality of your work in the portfolio merits a grade of C or higher, a grade of S is awarded and the portfolio is forwarded for credit evaluation. Faculty members from the appropriate disciplines assess the portfolio and recommend whether to award credits. Credit earned as a result of portfolio evaluation also earns a grade of S. The S grade is not computed in the grade point average and is not applicable toward honors.

If the quality of your work in the portfolio merits a grade of D or lower, the portfolio will not be forwarded for credit evaluation.

Portfolio Assessment credits may be awarded at both the upper and lower levels. Credits earned are considered UMGC UHVLGHQW FUHGLW +RZHYHU WKH\ GR QRW IX JUDGHG FRXUVHZRUN DQG VR PD\ QRW H[FHHG LWV IRU D PDMRU PLQRU RU FHUWL4FDWH

You may not receive credit for 100- and 200-level courses in your native language; you may not receive credit for learning for which credit has been awarded by other means.

Credit for EXCL 301 is charged at the current tuition rate. Tuition for the course covers evaluation of documentation for up to three courses. Evaluations for courses beyond these 4UVW WKUHH ZLOO LQFXU DGGLWLRQDO IHHV Z all students, including Golden ID students and those receiving 4QDQFLDO DLG

You should carefully review the requirements, rules, and proce - dures for Portfolio Assessment. Visit umgc.edu/priorlearning or FDOO H[W IRU PRUH LQIRUPDW

Workplace Learning

:RUNSODFH /HDUQLQJ R•HUV DQ RSSRUWXQLW\ H[SHULHQFH DQG GHYHORS QHZ NQRZOHGJH DQ chosen discipline while you earn upper-level college credit through an integrated model that puts theory into practice and enables you to accelerate progress on both your academic and career goals.

To be eligible for Workplace Learning, you must

- Be an undergraduate student at UMGC. WKDQ
- Have completed 30 credits, including transfer credit, toward a degree (if you are seeking a degree).

- Have completed at least 9 credits in the discipline in which you plan to do your Workplace Learning project.
- Have completed at least 6 credits at UMGC.
- Have a GPA of 2.0 or higher at UMGC.
- Have the opportunity to work in a position that allows you to apply classroom theory to practical projects that involve VLJQL4FDQW DQDO\VLV DQG SUREOHP VROYLQJ DQG DUH GLUHFWO\ related to a given academic discipline. The position should DOORZ \RX WR KDYH QHZ OHDUQLQJ H[SHULHQFHV :RUNSODFH Learning will not be approved for day-to-day work tasks that have already been mastered. (Position may be paid or unpaid, part- or full-time.)

7R SDUWLFLSDWH LQ :RUNSODFH /HDUQLQJ \RX PXVW 4UVW DSSO\ to the program by the deadline published in the MyUMGC student portal . 2QFH \RX DUH QRWL4HG RI \RXU HOLJLELOLW\ \RX PXVW GHYHORS D OHDUQLQJ SURSRVDO WKDW LGHQWL4HV VHYHUDO SURMHFW tasks representing the new learning to be acquired as a result RI WKH ZRUN H[SHULHQFH D IDFXOW\ PHPEHU LQ WKH DSSURSULDWH discipline then reviews the learning proposal to ensure that it constitutes upper-level college learning. When your learning proposal is approved, you are given permission to register for Workplace Learning. Your learning proposal is then developed into a three-way learning contract among your employer, you, and your faculty mentor.

7KURXJKRXW WKH :RUNSODFH /HDUQLQJ H[SHULHQFH \RX ZRUN under the supervision of your employer on completing sev - HUDO RI WKH LGHQWL4HG SURMHFW WDVNV DQG WKH IDFXOW\ PHQWRU RQ completing the academic assignments required to earn college FUHGLW IRU \RXU ZRUN H[SHULHQFH 7KH SURMHFW WDVNV IRU WKH employer constitute the course content, which is augmented E\ WKH UH5HFWLYH DFDGHPLF DVVLJQPHQWV ZULWWHQ IRU UHYLHZ E\ the faculty mentor. You are required to communicate regularly with your faculty mentor throughout the Workplace Learning session, which typically lasts 15 weeks.

You may earn either 3 or 6 credits during the Workplace Learning session. To earn 3 credits, you must devote at least 12 hours per week to tasks providing new learning (for a total of 180 hours during the Workplace Learning session) and com - SOHWH D PLQLPXP RI IRXU SURMHFW WDVNV LGHQWL4HG LQ WKH OHDUQLQJ contract. To earn 6 credits, you must devote at least 20 hours per week to project tasks (for a total of 300 hours during the :RUNSODFH /HDUQLQJ VHVVLRQ DQG FRPSOHWH 4YH WR HLJKW SURMHFW WDVNV LGHQWL4HG LQ WKH OHDUQLQJ FRQWUDFW

Workplace Learning projects may be developed in all under-graduate disciplines. Courses are listed in the UMGC catalog with the designator of the discipline and numbered 486A (for HUDO ÚíÎÊ¾Ëæª®ÚÂŽìÊª²mê«+îì(î0˜' ÎÊ¾ì²ªêÌÌà ` 0 ` P € p À p ` À

Community College of the Air Force

UMGC awards credit for study at technical schools of the U.S. Air Force in accordance with recommendations from the Com - munity College of the Air Force (CCAF). Credits must be appli - cable to your chosen curriculum at UMGC, must meet other UMGC requirements for transfer credit, and are subject to the same limitations as those placed on nonmilitary credit.

- All credit from the CCAF is lower level.
- Since the CCAF records satisfactorily completed courses as S

SERVICES AND RESOURCES

AVAILABILITY OF SERVICES

UMGC provides numerous services and resources to help you complete your educational program from anywhere in the world—through systems and resources available online; by e-mail and telephone communication; and in person at sites throughout the Maryland area, as well as at many military sites VWDWHVLGH DQG ZRUOGZLGH $ QXPEHU RI R]FHV DUH UHVSRQVLEOH for the delivery of these services, including Accessibility Ser - vices, Admissions, Advising, Career Services, Student Financial Services, Information Technology, the UMGC Library, and the 2]FH IRW KH Registrar.

$PRQJ WKHVH HWWKH G2]EVLQJ DQG WKH 5HJLVWUDU UHVSRQG to most of your academic needs throughout your college career, providing general information; admission assistance; academic advising; registration, graduation, and transcript VHUYLFHV DQG YHWHUDQV EHQH4WV DVVLVWDQFH

In the Maryland/national capital area, services are available at the fo llowing locatio ns. A complete list of stateside class and service locations is available online at umgc.edu/locations .

Aberdeen Proving Ground

baseadvisor@um c.edu
410-272-8269

Anacostia-Bolling (Joint Base Anacostia-Bolling)

baseadvisor@um c.edu
202-563-3611

Andrews (Joint Base Andrews)

baseadvisor@um c.edu
301-981-3123

Arundel Mills

regional.advisor@um c.edu
888-335-8682

Bethesda (Walter Reed National Military Medical Center)

baseadvisor@um c.edu
301-654-1377

Dorsey Station

regional.advisor@um c.edu
888-335-8682

Fort Belvoir

baseadvisor@um c.edu
703-781-0059

Fort Meade

baseadvisor@um c.edu
410-551-0431 or 301-621-9882

Hagerstown (USM at Hagerstown)

regional.advisor@um c.edu
240-527-2711

Langley (Joint Base Langley-Eustis)

baseadvisor@um c.edu
240-684-2878

Largo (UMGC Academic Center)

regional.advisor@um c.edu
888-335-8682

Laurel College Center

regional.advisor@um c.edu
888-335-8682

Little Creek (Joint Expeditionary Base Little Creek–Fort Story)

baseadvisor@um c.edu
757-646-1530

Myer-Henderson Hall (Joint Base Myer–Henderson Hall)

baseadvisor@um .edu
703-527-4952 (Fort Myer)
703-693-8049 (Henderson Hall)

Norfolk Naval Station

baseadvisor@um c.edu
757-646-1530

Quantico

Marine Corps Base Quantico
baseadvisor@um c.edu
703-630-1543

UMGC at Quantico
regional.advisor@um c.edu
888-335-8682

Shady Grove

regional.advisor@um c.edu
888-335-8682

Southern Maryland Higher Education Center

regional.advisor@um c.edu
H [W

Waldorf Center for Higher Education

regional.advisor@um c.edu
888-335-8682

UMGC representatives are available all day, every day, at 800-888-8682 to provide answers to general questions you may have and to help you navigate UMGC's website XPJF HGX Representatives can also make sure that you are signed up to receive upcoming announcements and open house invitations.

If you are inquiring about becoming a UMGC student or are admitted but have not yet registered, admissions counselors can help you apply for admission, identify the right payment RSWLRSODQ \RXU FXUULFXOXP DQG UHJLVWHU IRU \RXU 4UVW VHVVLRQ

Contact an admissions counselor by phone at 800-888-8682 or by e-mail at VWXGHQWVILUVW#XP F HGX More detailed information on admission is available on p. 196.

Academic advisors provide the information you need to plan your academic program. Their assistance can include reviewing potential transfer credit, helping you clarify education and career goals, and helping you select appropriate courses. Advising services are available by phone or e-mail at times and places that are convenient to you. If you are near one of UMGC's sites in the Maryland/national capital region, you may schedule an advising appointment by contacting your local site.

Initial Estimate of Transfer Credit

You can have a review of your potential transfer credit done by an academic advisor. This review provides an estimate of the academic credit UMGC might accept toward a particular degree and of the requirements that would remain to be ful - 4OOHG $ GHVFULSWLRQ RI VRXUFHV RI FUH and may be found online at XPJF HGX XJWUDQVIHUFUHG review is not binding on either you or UMGC and is subject to change.

Review of International Records

If you are seeking a review of potential transfer credit from any international postsecondary educational institutions you may have attended, you need to

- 0DLO \RXU R]FLDO LQWHUQDWLRQDO WUDQ credit evaluation agency. (Acceptable agencies are listed online at umgc.edu/ L Q W H U Q D W L R Q D O F U H G L W
- Pay fees associated with the international evaluation.
- +DYH DOO R]FLDO WUDQVFULSWV IURP DQ\ ously attended sent to UMGC.

Academic Advisement Report

To access information about degree progress, you need to VXEPLW R]FLDO WUDQVFULSWV IURP- DOO WK ties you previously attended, including other institutions of the University System of Maryland, whether or not transfer credit will be requested or granted. UMGC may deny transfer credit from any institution not listed on the application for admission. Sources of transfer credit not listed at the time of admission or approved by an advisor after admission may not be applied toward the UMGC degree.

An academic advisement report

- Includes all transfer credits applicable to the degree program.
- Lists all courses you completed at UMGC.
- Incorporates other types of academic credit.
- 5HPDLQV LQ H•HFW RQO\ ZKLOH \RX UHPDL enrolled.

In the academic advisement report, courses are applied to the PRVW DSSURSULDWH UHTXLUHPHQW UHPDLQL that could apply to multiple requirements are assigned to the 4UVW UHOHYDQW FDWHJRU\ LQ WKH IROORZL your academic major, general education requirements, require - ments for your academic minor (if you have one), and electives. 9HUL4FDWLRQ RI RWKHU GHJUHH ZLGH UHTX PXP QXPEHU RI XSSHU OHYHO FUHGLWV IRO remaining credits needed for the degree.

You are responsible for submitting all pertinent academic docu - PHQWV VXFK DV DFDGHPLF WUDQVFULSWV I FRQIHUUHG E\ H[DPLQDWLRQ RU UHFRUGV R

service schools) in a timely fashion to facilitate completion of your academic department request. To be considered official, documents must be sent directly from the issuer in either a sealed, unopened envelope or via an accepted secure electronic method. UMGC cannot accept official transcripts via fax or e-mail, regardless of the source. For more information, visit umgc.edu/transcripts.

Official documents should be mailed to the appropriate address, depending on carrier.

Via U.S. Postal Service

Attn: Transcripts
University of Maryland Global Campus
3501 University Boulevard East
Adelphi, MD 20783-8070

Via UPS, Fed-Ex, or Other Parcel Service

Attn: Transcripts
University of Maryland Global Campus
1616 McCormick Drive
Room 2386
Largo, MD 20774

[redacted]

Reasonable accommodations are available to help you if

Financial Aid Programs

Most aid programs are available to both full- and part-time stu -

SERVICES AND RESOURCES

- The Post-9/11 GI Bill (Chapter 33)
  - Yellow Ribbon Program
  - Transfer of Post-9/11 GI Bill Benefits to Dependents
  - Marine Gunnery Sergeant John David Fry Scholarship
- The Survivors' and Dependents' Educational Assistance Program (Chapter 35)
- Montgomery GI Bill–Selected Reserve Educational Assistance Program (Chapter 1606)
- Montgomery GI Bill–Reserve Educational Assistance Program (Chapter 1607)

Detailed information on all assistance programs is available on the UMGC website at umgc.edu/veterans or the Department of Veterans Affairs website at gibill.va.gov.

Application Procedures

If you are eligible for educational assistance from the U.S. Department of Veterans Affairs, you should submit your application and documentation to process a claim. Initial applications for benefits should be submitted online at vabenefits.vba.va.gov/vonapp/main_feca.asp. You must provide a copy of your DD-214 (Certificate of Release or Discharge from Active Duty) from the U.S. Department of Veterans Affairs. You should also request certification of your benefits from the U.S. Department of Veterans Affairs. Every term you plan to attend, you must submit a request for certification. Please allow adequate time for processing. Contact the U.S. Department of Veterans Affairs for more information and application procedures at umgc.edu/veterans.

Amounts and Methods of Payment

The amount of money you may receive from the U.S. Department of Veterans Affairs depends on the educational assistance program for which you are eligible, the number of credits for which you are registered, the length of the session, and (for certain programs) the number of dependents you have. The current monthly payment for each educational assistance program is available online at gibill.va.gov.

Evaluation of Prior Training

When you file a claim for educational assistance benefits, the U.S. Department of Veterans Affairs requires your previous training to be evaluated so that you receive correct transfer credit. (Information about types of training that qualify begins on p. 206; these include military training and service schools, postsecondary education, certain correspondence courses, and credit by examination.) You must have an academic advisement report completed before your first registration. If you do not complete a program of study, you may receive a debt letter from the U.S. Department of Veterans Affairs requesting repayment of benefits.

Students' Responsibilities

If you are receiving benefits, you are responsible for knowing the regulations and procedures of the U.S. Department of Veterans Affairs that affect your benefits.

At UMGC, all regulations of the U.S. Department of Veterans Affairs are enforced. You should be aware of the following requirements and consequences:

- You are expected to make satisfactory progress toward your degree objective.
- Registering for a course and then not attending, or ceasing to attend without officially withdrawing, may result in a debt to the U.S. Department of Veterans Affairs for educational funds that is punishable by law.
- Payment of benefits will be discontinued for any term in which a nonpunitive grade (i.e., a grade of I, W, or AU) is assigned.
- Payment of benefits will be discontinued for any term in which a grade of U is assigned.
- Payment of benefits will be discontinued for any course for which transfer credit has been granted or for which a passing grade of A, B, C, D, P, or S was assigned.
- Payment of benefits will be discontinued for any term in which a grade of FN is assigned.
- Payment of benefits will be discontinued for any term in which you do not earn any credits.
- Payment of tuition and fees is required at time of registration, unless you are applying for Chapter 31 Vocational

SERVICES AND RESOURCES

Work-Study Allowance

If you are registered at least three-quarters time (9 credits) and need money to attend school, you may participate in work-VWXG\ 5HFLSLHQWV RI EHQH4WV XQGHU WKH SURYLVLRQV RI &KDSWHUV 30, 31, 32, 33, 35, and 1606 may be eligible. You may work up to 400 hours during a session and receive either the federal mini - mum wage or the state minimum wage, whichever is greater.

For Further Information

Information and applications are available from your advisor or at XPJF HGX YDeHQHUHVC website. For informa - tion on qualifying for the in-state tuition rate as a veteran or eligible dependent, see Determination of Residency for Tuition Purposes on p. 200.

Veterans Resources

80*& R•HUV GHGLFDWHG PLOLWDU\ DQG YHWHUDQV DGYLVRUV DQG D UDQJH RI UHVRXUFHV WDUJHWHG VSHFL4FDOO\ IRU YHWHUDQV 7KHVH include VetSuccess on Campus and the Vessey Veterans Resource Center, a one-stop shop designed to give you the sup - port you need to succeed in school and in your career. Learn more at umgc.edu/vetresources.

JDWLRQV WR WKH XQLYHUVLW\ PXVW EH VDWLV4HG EHIRUH D WUDQVFULSW may be released.

[redacted]

shipped via UPS within 24 hours of receipt, Monday through Friday. Overnight and two-day delivery are available for an additional fee. Payment by personal check, MasterCard, Visa, $PHULFDQ ([SUHVV DQG 'LVFRYHU LV DFFHSWHG 6RPH HPSOR\HU contracts may be accepted.

Career Services

Career Services provides resources and services for UMGC students and alumni worldwide to inform them about, prepare them for, and connect them with their career and job search needs. To access Career Services, you should activate your account on CareerQuest, UMGC's online career portal, at careerquest.umgc.eduusing your UMGC login credentials.

Tools and Resources

&DUHHU 6HUYLFHV R•HUV D YDULHW\ RI WRROV DQG UHVRXUFHV DYDLODEOH online 24 hours a day, that can be useful in the career planning and job-search process. Resources include résumé builders and templates, online mock interviews, video job-search tips, mentor matching, occupational information, employer and graduate school directories, job hunting guides, and career resource literature.

Job-Search Services

80*& R•HUV VHYHUDO VHUYLFHV GHVLJQHG WR IXO4OO WKH HPSOR\ ment needs of UMGC students and alumni, including employer recruitment sessions and job fairs (held online and on-site); employability skills workshops, such as résumé writing and interview preparation; and job-search tutorials. CareerQuest enables you to search job listings and post résumés for prospective employers.

Career Development and Planning

&DUHHU 6HUYLFHV VWD• DUH DYDLODEOH WR SURYLGH SHUVRQDOL]HG attention to help you clarify your skills, interests, and work-related values; make career/life-related decisions; research career options; plan for further study; and search for employ PHQW ZKHWKHU \RX DUH QHZ WR \RXU FDUHHU 4HOG PDNLQJ D career transition, or looking for guidance on how to climb the FRUSRUDWH ODGGHU DV DQ H[SHULHQFHG SURIHVVLRQDO

Career advising services are available by appointment (on-site and by phone, video chat, and e-mail) and can be scheduled via CareerQuest. A limited number of appointments are available RQ D ZDON LQ EDVLV DW /DUJR GXULQJ VSHFL4HG WLPHV &DOO H[W Rmugc.eduXarW services for more information.

UNIVERSITY SYSTEM OF MARYLAND

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Alan Drimmer,Alan Dr-2j EMC /PyBF5a2 1e4CE5aL d (Alan Dr-2j EMC /PyB /H3

Academic Affairs

Alan Drimmer, 6HQLRU 9LFH 3UHVLGHQW DQG &KLHI $FDGHPLF 2]FHU

Blakely Pomietto, 'HSXW\ &KLHI $FDGHPLF 2]FHU

Kathryn Klose,

0DU\ )UDQFHV /HEDPR• Program Chair, Political Science, and Collegiate Associate Professor

Debra McLaughlin, Program Chair, Physical Sciences, and Collegiate Professor

Jillian Orfeo, Associate Administrative Director

Mary Schroeder, Program Chair, Nursing for Registered Nurses, and Collegiate Professor

Robin Searles-Adenegan, Program Chair, Biological Sciences, and Collegiate Professor

Jennifer Thompson, Program Chair, Psychology, and Collegiate Professor

Faculty

The Undergraduate School has a large and distinguished fac - ulty. UMGC faculty consistently win awards, publish scholarly works, and contribute to the intellectual understanding of their 4HOGV 7KH\ DUH ZHOO UHVSHFWHG-E\ ERWK SUDFWLWLRQHU DQG DFD demic peers. In keeping with UMGC's mission, UMGC faculty are as nontraditional as their students, bringing practical as well as DFDGHPLF H[SHULHQFH LQ WKHLU 4HOGV RI H[SHUWLVH %HFDXVH RI WKLV WKH\ DUH XQLTXHO\ TXDOL4HG WR WHDFK DQG JXLGH VWXGHQWV WRZDUG a richer and more robust understanding of how their academic learning translates into practice.

The full list of undergraduate faculty, with their academic cre - dentials, is available online at umgc.edu/facultylist.

CONTACT INFORMATION

UMGC STATESIDE

Adelphi Headquarters

Address

University of Maryland Global Campus
3501 University Boulevard East
Adelphi, MD 20783-8085

Telephone

800-888-8682

Fax

301-985-7977

E-Mail

V W X G H Q W V I L U V W # X P F H G X

Web

umgc.edu

Europe Headquarters

Address

- From overseas U.S. military installations or from the United States

  University of Maryland Global Campus Europe
  Unit 29216
  APO AE 09004

- International (civilian from outside the United States)

  University of Maryland Global Campus Europe
  Hertelsbrunnenring 10
  67657 Kaiserslautern
  Germany

Telephone

- Civilian

  Within Germany
  0631-534-800

  Outside Germany
  +49-631-534-800

Fax

Within Germany
0631-534-80351

Outside Germany
+49-631-534-80351

E-Mail

studentservices-europe@umgc.edu

Web

europe.umgc.edu

Catalogs

Requests for undergraduate and graduate catalogs for UMGC Europe should be sent to University of Maryland Global Cam - pus, Unit 29216, APO AE 09004. Catalogs may also be obtained from University of Maryland Global Campus, 3501 University Boulevard East, Adelphi, MD 20783-8067. Catalogs are also available online at europe.umgc.edu/catalogs.

Asia Headquarters

Address

- From overseas U.S. military installations or from the United States

  University of Maryland Global Campus
  8 Q L W % R [
  APO AP 96328-0100

- International (civilian from outside the United States)

  University of Maryland Global Campus
  Building 445, Yokota Air Base
  Fussa, Fussa-shi
  Tokyo (197-0001) Japan

Telephone

- Military

  Within Asia
  DSN: 225-3680

  Outside Asia
  DSN: 315-225-3680

- Civilian

  H [W

E-Mail

registrar-asia@umgc.edu

Web

asia.umgc.edu

CONTACT INFORMATION

Japan Office

Address

- From overseas U.S. military installations or from the United States

  University of Maryland Global Campus
  $WWQ -DSDQ $UHD 2]FH
  8QLW %R[
  APO AP 96328-0100

- International (civilian from outside the United States)

  University of Maryland Global Campus
  $WWQ -DSDQ $UHD 2]FH
  Building 445, Yokota Air Base
  Fussa, Fussa-shi

7KH LQIRUPDWLRQ FRQWDLQHG LQ WKLV of both UMGC and the University System of Maryland (USM).*
7KH FRPSOHWH OLVW DQG WH[W RI 80*& at umgc.edu/policies. USM policies can be found at usmd.edu /regents/bylaws/.

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)RU LQIRUPDWLRQ RQ VWXGHQW FODVVL4FDWLRQ DQG UHVLGHQF\ VHH USM Policy VIII-2.70 at usmd.edu/regents/bylaws/SectionVIII.
Also see UMGC Policy 210.20 Student 5HVLGHQF\ &ODVVL4FDWLRQ IRU $GPLVVLRQ 7XLWLRQ DQG &KDUJH 'L•HUHQWLDO 3XUSRVHV DW XPJF HGX SROLFLHV 4VFDOSROLFLHV 4VF FIP

[redacted]S

UMGC conforms with the general education requirements as laid out by COMAR 13B.02.02.16D(2)(b)-(c). Up to 36 general education credits earned at another Maryland public institution will transfer to UMGC as general education credits. UMGC's general education requirements may be found on p. 8 of this catalog.

$ VWXGHQW ZKR KDV VDWLVIDFWRULO\ F as a general education requirement at a Maryland community college will receive credit toward UMGC's general education requirements, as stated in Code of Maryland Regulations Title 13B, Subtitle 06, Chapters 1–10. For other students, courses are evaluated on a case-by-case basis. UMGC has included its evaluation of many Maryland community college courses in its section of the University System of Maryland's computerized articulation system (ARTSYS). This software is available at all two- and four-year Maryland public institutions and online at artsys.usmd.edu. Consult an advisor for details.

[redacted]

UMGC complies with the Family Educational Rights and Privacy Act (FERPA), a federal law that protects the privacy of students' education records. In accordance with FERPA, you have the right to inspect and review your education records; seek an amendment of your education records, where appropriate; limit disclosure to third parties of directory information (student information that may be released without your prior ZULWWHQ FRQVHQW DQG 4OH IRUPDO F of FERPA with the Department of Education. In addition, FERPA

FDWHJRULHV WKDW PD\ EH released to third parties without your prior consent.
UMGC's Policy 210.14 Disclosure of Student Records contains DQ H[SODQDWLRQ RI LQIRUPDWLRQ WKDW PD\ EH without prior consent, as well as procedures for requesting amendments to records, requests for nondisclosure, and ILOLQJ RI FRPSODLQWV 5HTXHVWV IRU LQVSHF records may be sent to exception.request@umgc.edu. For another person to act on your behalf, a power of attorney is required. More information on FERPA, including disclosures to third parties, can be found at umgc.edu/current-students 4QDQFHV 4QDQFLDO DLG 4QDQFLDO DLG SROLF

[redacted]

In accordance with USM policy, UMGC seeks to promote a healthy, smoke-free environment for the UMGC community. More information on Policy 640.00 UMGC Policy on Smoking may be found at umgc.edu/policies/adminpolicies/admin64000.cfm .

[redacted]

UMGC complies with all federal, state, and local laws that regulate or prohibit the possession, use, or distribution of alcohol or illicit drugs. Violations of such laws that come to the attention RI 80*& R]FLDOV ZLOO EH DGGUHVVHG WKURXJK through prosecution in the courts, or both.

All UMGC students are prohibited by UMGC from unlawfully possessing, using, manufacturing, distributing, or dispensing alcohol or any controlled substance on UMGC premises or at 80*& VSRQVRUHG DFWLYLWLHV 80*& H[SHFWV D ply with applicable federal, state, and local laws and regulations pertaining to possession, use, manufacture, distribution, or dispensation of alcohol and/or controlled substances.

Any student who violates any of the applicable standards of conduct is subject to corrective disciplinary actions and SHQDOWLHV XS WR DQG LQFOXGLQJ H[SXOVLRQ programs and referral to the appropriate federal, state, and/or local authorities for prosecution in the courts. Students should see the drug prevention program section of the most current annual safety and security report XPJF HGX for additional information.

* Annotated Code of Maryland, Education Article, §12-101.

NONDISCRIMINATION STATEMENT

University of Maryland Global Campus (UMGC) is committed to ensuring that all individuals have equal access to programs, facilities, admission, and employment and that no person shall be excluded from participation in, be denied the benefits of, or otherwise be subjected to unlawful discrimination in this institution's programs and activities. In accordance with federal, state, and local laws and regulations, UMGC does not discriminate against any person on the basis of race, religion, color, creed, sex, gender identity or expression, sexual orientation, marital status, age, national origin, disability, genetic information, political affiliation, status as a parent, pregnancy or childbirth-related status, veteran status (including Vietnam-Era veterans), or any other legally protected characteristic. In keeping with the spirit of Title IX of the Education Amendments of 1972, UMGC prohibits discrimination on the basis of sex in its programs and activities. UMGC will take steps to eliminate prohibited conduct, prevent its recurrence, and remedy its effects.

All inquiries regarding UMGC's Nondiscrimination Statement or compliance with applicable statutes and regulations regarding equal opportunity should be directed to the fair practices and equal opportunity officer, Office of Diversity and Inclusion, 3501 University Boulevard East, Adelphi, MD 20783-8000 (phone 301-985-7940 or e-mail fairpractices@umuc.edu).

For UMGC Policy 041.00 Statement of Nondiscrimination, see umgc.edu/policies/adminpolicies/admin04030.cfm.

Inquiries regarding Title IX, sex discrimination, or sexual misconduct should be directed to the Title IX coordinator, Office of Diversity and Inclusion, 3501 University Boulevard East, Adelphi, MD 20783-8000 (phone 301-985-7021 or e-mail titleixcoordinator@umuc.edu). The Title IX coordinator is a member of UMGC's Title IX Compliance Team.

See umgc.edu/diversity/title-ix-sexual-misconduct/index.cfm. For UMGC Policy 041.00 Sexual Misconduct, see umgc.edu/policies/adminpolicies/admin04100.cfm.

For external inquiries regarding the nondiscrimination policies of UMGC, including Title IX, contact the Office for Civil Rights, U.S. Department of Education, Wanamaker Building, Suite 515, 100 Penn Square East, Philadelphia, PA 19107, or call 800-421-3481.

STUDENT CONDUCT

UMGC is committed to creating and maintaining an environment in which all persons who participate in university programs and activities, perform work, and provide services can learn and work together in an atmosphere that promotes dignity and respect for the individual and the institution. Any student who violates the standards of conduct is subject to disciplinary action. Students are responsible for knowing and complying with the policies and procedures that govern student conduct at UMGC. Students are also responsible for the behavior of their guests while on campus or while participating in UMGC programs.

UMGC's Student Conduct Code is designed to promote student learning and development in order to maintain a safe learning environment for students, faculty, staff, and visitors. The code is not designed to punish students, but rather to educate them about the consequences of their actions. The code is also designed to protect the campus community and to ensure that students are aware of the consequences of their actions.

The code applies to all students, regardless of their location, and to all activities that occur on campus or that are related to UMGC programs. The code is enforced by the Office of Student Conduct, which is responsible for investigating alleged violations of the code and for imposing sanctions when appropriate.

Students who violate the code may be subject to a range of sanctions, including warning, probation, suspension, or expulsion. The sanctions are designed to be proportionate to the violation and to the student's prior conduct history. The Office of Student Conduct also offers educational programs and resources to help students understand the code and to make good decisions.

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SEXUAL MISCONDUCT

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APPENDICES

COMMUNITY COLLEGE ALLIANCES

Maryland

Allegany College of Maryland

Anne Arundel Community College

Baltimore City Community College

Carroll Community College

Cecil College

Chesapeake College

College of Southern Maryland

Community College of Baltimore County

Frederick Community College

Garrett College

Hagerstown Community College

Harford Community College

Howard Community College

Montgomery College

Prince George's Community College

Wor-Wic Community College

A complete list of state alliances is available at umgc.edu/alliances.

$V DQ RQOLQH XQLYHUVLW\ 80*& R•HUV RQOLQH FRXUVHV DQG VHUYLFHV WKURXJKRXW WKH 8QLWHG 6WDWHV. 80*& DOVR R•HUV FRXUVHV and services on-site in certain locations within the United States. For information regarding state authorizations and the VWDWHV ZKHUH 80*& R•HUV K\EULG FRXUVHV DQG SURYLGHV VHUY ices, visit umgc.edu/stateauthorizations.

The following states require the catalog disclosures found below:

Virginia

The University System of Maryland and the Maryland Higher (GXFDWLRQ &RPPLVVLRQ KDYH DSSURYHG 80*& LQFOXGLQJ WKRVH SURJUDPV R•HUHG E\ 80*& LQ &DOLIRUQLD Any credit earned for coursework at UMGC in Virginia shall be applied in the same manner as if the credit was earned online RU DW DQ\ RWKHU 80*& ORFDWLRQ 80*& LV FHUWL4HG WR RSHUDWH LQ Virginia by the State Council of Higher Education for Virginia.

7KH XQLYHUVLW\ R•HUV FRXUVHV DQG RU SU following locations:

UMGC at Quantico
525 Corporate Drive
6WD•RUG 9$

Fort Belvoir
Barden Education Center, Building 1017
9625 Belvoir Road
Room 128
Fort Belvoir, VA 22060

Fort Lee
700 Quarters Road
Room 159
Fort Lee, VA 23801

Joint Base Langley-Eustis
Education Center
450 Weyland Road
Hampton, VA 23655

Joint Base Myer–Henderson Hall
Education Center, Building 417
239 Sheridan Avenue
Room 215
Fort Myer, VA 22211

-RLQW ([SHGLWLRQDU\ %DVH /LWWOH &UHHN
1481 D Street
Building 3016
Virginia Beach, VA 23459

Naval Station Norfolk
1680 Gilbert Street
Building IE
Norfolk, VA 23511

Thomas Nelson Community College
525 Butler Farm Road
Hampton 3 Building
Hampton, VA 23666

80*& R•HUV FRXUVHV WKDW DUH RSHQ IRU H employees only at the following locations:

GEICO
1 Geico Boulevard
Fredericksburg, VA 22412

GEICO
1345 Perimeter Parkway
Virginia Beach, VA 23454

APPENDICES

Washington

University of Maryland Global Campus is authorized by the Washington Student Achievement Council and meets the requirements and minimum educational standards established for degree-granting institutions under the Degree-Granting Institutions Act. This authorization is subject to periodic review DQG DXWKRUL]HV 8QLYHUVLW\ RI 0DU\ODQG *OREDO &DPSXV WR R•HU VSHFL4F GHJUHH SURJUDPV 7KH &RXQFLO PD\ EH FRQWDFWHG IRU a list of currently authorized programs. Authorization by the Council does not carry with it an endorsement by the Council of the institution or its programs. Any person desiring information about the requirements of the act or the applicability of those requirements to the institution may contact the Council at 3 2 %R[2O\PSLD :$ RU E\ H PDLO DW degreeauthorization@wsac.wa.gov.

The transferability of credits earned at University of Maryland Global Campus is at the discretion of the receiving college, university, or other educational institution. Students con - sidering transferring to any institution should not assume that credits earned in any program of study at University of Maryland Global Campus will be accepted by the receiving LQVWLWXWLRQ 6LPLODUO\ WKH DELOLW\ RI D GHJUHH FHUWL4FDWH GLSORPD or other academic credential earned at University of Maryland Global Campus to satisfy an admission requirement of another institution is at the discretion of the receiving institution. Accreditation does not guarantee credentials or credits earned at University of Maryland Global Campus will be accepted by or transferred to another institution. To minimize the risk of having to repeat coursework, students should contact the receiving institution in advance for evaluation and determina - tion of transferability of credits and/or acceptability of degrees, GLSORPDV RU FHUWL4FDWHV HDUQHG

[redacted]

UMGC's programs in accounting may help prepare you to VLW IRU WKH 8QLIRUP &HUWL4HG 3XEOLF $FFRXQWDQW ([DP DQG RU REWDLQ LQLWLDO OLFHQVXUH DV D &HUWL4HG 3XEOLF $FFRXQWDQW &3$ LQ 0DU\ODQG 7R VLW IRU WKH &3$ ([DP LQ 0DU\ODQG D FDQGLGDWH is required to have successfully completed 120 credits toward an accounting degree. Many other states, however, require candidates to successfully complete 150 credits prior to sitting IRU WKH &3$ ([DP

To obtain initial licensure as a CPA in Maryland and most other states, a candidate is required to have successfully completed 150 credits. UMGC graduate accounting programs help prepare you to become licensed as a CPA in Maryland.

If you intend to request transfer credits from a nonregionally accredited institution, a third-party provider or facility, or an institution located outside of the United States, or you intend to request transfer of ACE-evaluated credit, be aware that doing so may impact your ability to become licensed as a CPA. For information regarding licensure in other states and transfer credit, please visit umgc.edu/professional-licensure.

[redacted]S

7KH IROORZLQJ ORFDWLRQV R•HU HLWKHU XQGH undergraduate and graduate courses.

Name of Location	Zip Code
Aberdeen Proving Ground	21005
Academic Center at Largo	20774
Anne Arundel Community College at Arundel Mills	21076
Cecil College	21901
Dorsey Station	21075
Eglin Air Force Base	32542
Fort Belvoir	22060
Fort Benning	31905
Fort Bliss	79916
Fort Drum	13602
Fort Gordon	30905
Fort Hood	76544
Jacksonville Naval Air Station	32212
Joint Base Anacostia-Bolling	20032
Joint Base Andrews	20762
Joint Base Langley-Eustis	23665
Joint Base Lewis-McChord	98433
Joint Base Myer–Henderson Hall	22211
-RLQW ([SHGLWLRQDU\ %DVH Little Creek–Fort Story	23459
Killeen	76549
Laurel College Center	20707
National Security Agency	20755
Naval Station Mayport	32233
Naval Station Norfolk	23511
Odenton	21113
Pearl City	96782
Prince George's Community College	20774
Quantico Corporate Center	22554
San Diego	92108
Shady Grove	20850

Southern Maryland Higher Education Center	20619
Thomas Nelson Community College	23666
University of Maryland, College Park	20742
U.S. Coast Guard Base Honolulu	96819
USM at Hagerstown	21740
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ABOUT UMGC

University of Maryland Global Campus was founded more than 70 years ago specifically to serve the higher education needs of working adults and servicemembers. Today, UMGC continues its global tradition with online and hybrid courses, more than 140 classroom and service locations worldwide, and more than 90 degrees, certificates, and specializations backed by the reputation of a state university and the University System of Maryland. For more information, visit umgc.edu.

Visit UMGC on the web at umgc.edu.

To speak with an advisor, call 800-888-8682 or send an e-mail to WXYHIRXW VWX$YQ G IHY.

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