MASTER OF SCIENCE CYBERSECURITY

THE SCHOOL OF
LIBERAL ARTS

The School of Liberal Arts teaches students how to think and become lifelong learners. A careful study of computer programming, mathematics, music, logic—or all of these—will demonstrate the structure of thought and knowledge and intellectual movement. A Liberal Arts education will create the habit of organized thinking and of rational analysis.

DISTINCTIONS:

► State-of-the-art computer arts + design, radio and television production studios on campus

► The American Scholastic Press Association awarded The Impact student newspaper first place in the category of General Excellence

► Mercy College Cybersecurity Education Center (MC-CEC) has been designated as one of the National Centers of Academic Excellence in Information Assurance Education (CAEIAE) by the National Security Agency (NSA) and the Department of Homeland Security (DHS)

Cybersecurity Department of Mathematics and Computer Science

The Department of Mathematics and Computer Science offers programs which lead to some of the most exciting careers in the country: computer and information specialists, mathematics teachers and cybersecurity and forensics technicians to name a few. Our programs provide theoretical foundation and the practical skills for careers in sciences, business and also for succeeding in the post-9/11 technological world.

With a Bachelor of Science in Cybersecurity you can test, implement and configure any new security software and/or technologies, apply sound security policy to their daily jobs, and provide protection and disaster recovery to companies' business systems.

The cybersecurity curriculum has been certified by the Committee on National Security Systems (CNSS) in accordance with the Cybersecurity Workforce Framework and Cybersecurity Knowledge Units defined by DHS, NSA and NIST.

Computer security specialists plan, coordinate and maintain an organization's information security. These workers educate users about computer security, install security software, monitor networks for security breaches, respond to cyberattacks, and, in some cases, gather data and evidence to be used in prosecuting cybercrime. The responsibilities of computer security specialists have increased in recent years as cyber-attacks have become more sophisticated.

Securing cyberspace and the national information infrastructure is critical and can be achieved only when qualified workers are available. Mercy College is responding to this shortage in cyber specialists by offering this program in cybersecurity at two campuses and online. It offers a strong foundation in information security theory and practical skills in the management and maintenance of effective infrastructure in information assurance and security. Graduates of this program will be prepared for entry-level positions in the field and also for acquiring professional certificates.

The median salaries for these careers range from $40,000 to $70,000 according to the U.S. Bureau of Labor Statistics (2015). All computer systems are connected by the internet and are vulnerable to attacks and hacking. There is a critical need for information security professionals.

CAREER OPPORTUNITIES:
Graduates are able to monitor security systems, including firewalls and intrusion detection systems; create, implement and oversee security policies, plan disaster recovery, conduct regular compliance audits and prepare to take the CISSP certification exam.

COURSES OF INTEREST:
Cybersecurity students study a wide array of courses, including: Forensic Computing, Firewall & Intrusion Detection, Wireless Network & Security and Applied Cryptography to name a few.

DID YOU KNOW?
Our Cybersecurity Program has been designated as a National Center of Academic Excellence in Information Assurance Education by the National Security Agency and the Department of Homeland Security.

CAMPUSES:
Dobbs Ferry, Bronx and online

FINANCIAL AID:

The Sisters of Mercy founded Mercy College with the belief that a college education should be accessible to anyone hungry enough to earn it. **Today our costs are, on average, about 50 percent less than other private colleges in the area.**

Mercy also works hard to help you identify and secure all the funding available to you, including New York State and federal grants. We offer a variety of programs to help you pay for your education — from scholarships to grants to work-study programs — and our team of financial experts are here to work with you to help you reach your goals.

FREQUENTLY ASKED QUESTIONS

What are the academic requirements?

Graduates from other fields will be accepted provided they complete the following prerequisite courses prior to starting the graduate program: Local Area Networks, Database Management Systems, Cryptography and Computer Security, Operating Systems and Statistics.

If I have an associate's degree, could I take the accelerated program?

Yes. For specifics on transferred credits please speak to program director.

English isn't my native language. Is there an English language requirement?

You must demonstrate proficiency in English. That means reading, writing, speaking and an understanding of the spoken language at a graduate level. Proficiency will be determined by a Test of English as a Foreign Language (TOEFL) or a test(s) approved by the Dean of Graduate Studies. ■

MASTER OF ARTS
ENGLISH LITERATURE

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English Literature Department of Literature and Language

Mercy College's Master of Arts (MA) in English Literature Program provides a strong foundation for students interested in these and other pursuits. Some of our MA graduates have gone on to PhD programs, have continued into college teaching positions or have gone on to earn advanced creative writing degrees. Numerous English teachers have earned the MA or graduate content credits through our program for purposes of (re)licensing, promotion or simply to increase knowledge of their field. Some of our MA students have no such professional goals or needs and simply love literature, and join our program to study and experience with others the tremendous power, mystery and meaning that moves through and emerges from literature. Our program includes students of practically all ages located throughout the U.S. and across the globe.

Students in the program learn theory and advanced methodologies of literary criticism, while engaging with British, American and world literature. Attention is paid both to traditional authors, genres and eras, as well as to literature of diverse cultural and historic traditions. Students will find courses ranging from standards in the field to courses unique to our program and designed by Mercy professors. All courses are taught by Mercy College faculty who are experts in their fields.

CAREER OPPORTUNITIES:

Graduates are qualified to apply for most full-time community college English professorships, and to teach composition and literature as an adjunct at most community and senior colleges. The MA may also be a stepping stone to a PhD. The degree may also lead to non-academic careers in fields which require writing, critical thinking and research skills, such as: publishing, editing, advertising, technical writing, journalism and other media. Secondary-school teachers can earn graduate English content credits for such things as (re)licensing, promotion and retention.

COURSES OF INTEREST:

English Literature students study a wide array of courses, including: History of Poetic Forms, History of Drama in English, Perspectives on the Essay and Advanced Creative Writing to name a few.

DID YOU KNOW?

The MA degree can be earned fully online through Mercy College's virtual Blackboard environment. This allows students from across the country and the globe an accessible and convenient way to learn and to earn the MA degree from a fully accredited college.

CAMPUSES:

Yorktown Heights and Online

FINANCIAL AID:

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Mercy also works hard to help you identify and secure all the funding available to you, including New York State and federal grants. We offer a variety of programs to help you pay for your education — from scholarships to grants to work-study programs — and our team of financial experts are here to work with you to help you reach your goals.

FREQUENTLY ASKED QUESTIONS

Does Mercy accept graduate transfer credits?
Yes, up to six credits in graduate English.

MERCY COLLEGE

FOR THOSE WITH A PASSION TO GET AHEAD

MASTER OF ARTS
ENGLISH LITERATURE

How long does it take to earn the degree?

It depends on how many courses you take each semester, and whether or not you opt to take courses during the summer. Three graduate courses per semester is officially full-time at Mercy College. Anything less is officially part-time. So, if for some reason you must be a full-time student, as is sometimes the case if a person's tuition is being funded by an employer, then you will need to take three courses per semester. The MA program recommends two courses per semester, though, in all other cases. For further information please reach out to the Program Head.

Can I earn the degree fully online?

Yes. When the student population on campus reaches an appropriate number we also run courses here on campus. But, the full spectrum of our offerings is available online and will always be. A student can complete the other requirements for the degree (a comprehensive examination and a thesis paper) remotely too. Over the past fifteen years we have awarded the MA to local students and students as far away as Europe and Latin America.

How do I apply?

You will need to complete the online application and submit two letters of recommendation and a writing sample. The writing sample can be either a term paper written for a previous literature course or an essay on the topic of why you want to pursue graduate literature study. Finally, you will need to submit official transcripts. The GRE is not required. Contact the Program Head at any time to discuss these requirements further. ∎