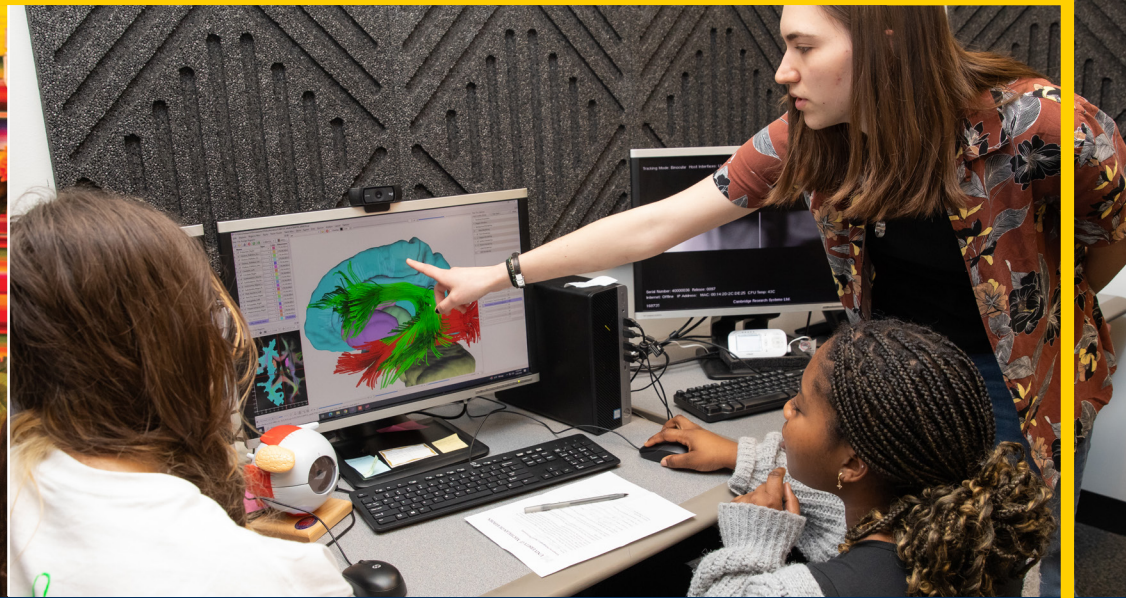


M DEARBORN GRADUATE STUDIES



PUT YOUR DREAMS IN PRACTICE

Pursue Your Graduate Degree at the University of Michigan-Dearborn



**AT THE UNIVERSITY OF MICHIGAN-DEARBORN,
OUR STUDENTS AREN'T JUST SITTING IN A CLASSROOM.**

They're tackling real-world problems.



75

**GRADUATE PROGRAMS
AND CERTIFICATES**



61%

**OF STUDENTS
ARE PART-TIME**

University Overview

Located in the heart of Metro Detroit, the University of Michigan-Dearborn is home to almost **2,000 graduate and doctoral students** from across the globe. With degree offerings in fields ranging from computer science to educational leadership, our students can choose from over **75 graduate programs** across four distinct colleges.

Our students have diverse motivations for pursuing their master's, specialist, or doctoral degrees. Coming from both traditional and non-traditional backgrounds, many of our students are in the process of changing careers or advancing current ones. From aspiring entrepreneurs to innovative engineers, our graduate students all share a similar determination and curiosity that has allowed them to succeed academically and professionally.

Given the various backgrounds of our students, we understand it isn't always possible to attend in-person classes. That's why we offer flexible degree programs, many of which can be completed part-time or entirely online. Whether you are a professional balancing work, home, and school, or are a full-time international student looking for a culturally immersive experience, our programs are designed to fit into your life, not the other way around.

Regardless of whether you join us in person or virtually, the quality of your education will remain the same. When you become a Dearborn Wolverine, you will learn from faculty members who are nationally recognized in their fields of study and become part of a network of over **690,000 U-M alumni** who are making an impact. Pursue your graduate studies at UM-Dearborn, and experience the difference of a Michigan degree.

LEARNING THAT MAKES A DIFFERENCE

Our graduate students are gaining the knowledge and experience needed to shape real policies and help real people.

At UM-Dearborn, we believe in taking classroom instruction one step further to ensure our students are well-prepared for their professional careers. In an era marked by technological advancement, our graduates need to possess a diverse skill set that will allow them to adapt to changes in their industries. To make sure you are equipped with the skills and knowledge necessary to be successful in your field, we have embraced Practice-Based Learning (PBL) as a cornerstone of our curriculum.

PBL is a learning model that integrates theory with practical experience, allowing students to make a real difference in their areas of study. Each of our four colleges implements PBL in their courses through a variety of avenues: internships, collaborative projects with our corporate and

community partners, access to state-of-the-art laboratories, and opportunities to participate in faculty-led research initiatives. In recent years, our graduate students have worked alongside esteemed faculty to research topics such as alternative energy, electric vehicles and viral diseases.

While the primary goal of PBL is to prepare students for a career in their industry, its secondary benefit is fostering a supportive community. By collaborating closely with faculty, classmates, and campus partners, students are able to deepen their relationships and expand their network.



In our Supply Chain Analytics graduate course, students participate in a game simulation called “**Power Grid**” that allows students to experience key course concepts such as supply and demand, network and capacity management, lean, and sustainability.



In the environmental science course, *ESCI 574: Watershed Analysis*, our master's students collaborated with the nonprofit “**Friends of the Rouge**” to conduct a benthic macroinvertebrate study in the Rouge River.



UM-Dearborn doctoral students **Ali Hassan** (left) and **Shahid Aziz Khan** (right) earned first prize in an international CO₂ reduction challenge for their innovative work on the repurposing of used EV batteries. They are pictured operating an OPAL-RT “hardware-in-the-loop” simulator in Professor Wencong Su’s lab.



The College of Arts, Sciences, and Letters

Embarking on an advanced degree in areas such as environmental science or applied and computational mathematics is an investment in your future. The **College of Arts, Sciences, and Letters (CASL)** at UM-Dearborn offers six distinctive programs at the master's level. These programs are not only designed to be flexible but are tailored to foster intellectual growth and career preparedness.

As a CASL student, you will have access to various resources that will supplement your coursework, and enhance your learning experience. These include the Environmental Interpretive Center, Math Learning Center, Writing Center, research facilities, and the Mardigian Library whose materials can be accessed in person and online. However, some of the most important resources students receive are through campus support services. Whether that's through career advising or professor mentorship, the faculty and staff in CASL are here to guide you toward a successful future.

The college champions critical thinking and a broad understanding of societal issues, so that students are prepared to tackle real-world challenges with exemplary insight. Graduates of the Colleges of Arts, Sciences, and Letters have a long history of effecting positive change in their communities; all of which we attempt to make possible by equipping our students with the knowledge and skills necessary to make a difference.

› **LEARN MORE** at umdearborn.edu/casl/graduate-programs

Working closely with Dr. Marilee Benore [professor of biology and biochemistry] has not only allowed me to delve into the realm of protein structure modeling but has also opened doors to understanding pedagogy and science. These experiences will undoubtedly better prepare me for my future career goals.

Harry Rahn, Master's in Environmental Science

GRADUATE PROGRAMS

- ④+1 Applied and Computational Mathematics (MS)
- ④+1 Biological and Biomedical Sciences (MS)
Clinical Health Psychology (MS)
- ④+1 Criminology and Criminal Justice (MS)
Environmental Science (MS)
- ④+1 Public Administration and Policy (MPAP)

④+1 These programs are available in an online format. There is no distinction between an online or on-campus degree or certificate. Most also offer a fully on-campus or hybrid option of study.

④+1 These programs allow qualified UM-Dearborn undergraduate students to save time and money earning both a bachelor's and master's degree in 5 years.



The College of Education, Health, and Human Services

The need for educational and healthcare leaders is rapidly growing in today's job market. The **College of Education, Health, and Human Services (CEHHS)** offers nine programs at the master's, Ed.S., and Ed.D levels as well as one graduate certificate program that can prepare students for these in-demand roles. Courses are taught by engaged faculty who bring their real-world experience to the classroom. CEHHS graduate programs cater to the working professional offering a majority of their programs in a fully online format and two others with evening or online course availability.

The College of Education, Health, and Human Services offers students hands-on learning experiences that are relevant to their future careers. This includes everything from conducting fieldwork to working with strong community partners. Coupled with this, students receive personalized attention from dedicated faculty and staff, extensive library resources, and robust career services, all of which provide a comprehensive support system. This ensures that every student has the opportunity to achieve their fullest potential within their chosen discipline.


Whether you are looking to advance your career as an educator, become a leader in healthcare, or become knowledgeable in related technologies, the College of Education, Health, and Human Services will provide you with the skills you need to make a difference as an education or healthcare professional.

› **LEARN MORE** at umdearborn.edu/cehhs/graduate-programs



GRADUATE PROGRAMS


Doctoral


 Education (EdD)


Specialist


 Education Specialist (EdS)

Master's

 Applied Behavior Analysis (MS)

 Early Childhood Education (MA)

 Education (MA)


 Educational Leadership (MA)


  Healthcare Administration and Leadership (MS)


  Instructional Design and Learning Technologies (MA)

Teaching (MAT)

Certificate

 Teaching English to Speakers of Other Languages (TESOL)

 These programs are available in an online format. There is no distinction between an online or on-campus degree or certificate. Most also offer a fully on-campus or hybrid option of study.

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The College of Engineering and Computer Science

Located in the automotive industry's global epicenter, the **College of Engineering and Computer Science (CECS)** offers 20 master's degree programs, six doctoral programs and 20 certificate programs in competitive fields. Our programs are taught by faculty who regularly work with industry partners on projects geared toward solving the challenges of today's global economy.

In 2021, the university opened its newly built Engineering Lab Building which was recently named after former CECS Dean and NASA Scientist-Astronaut Tony England. Engineering students also have access to the campus's Institute for Advanced Vehicle Systems.

Pursuing a degree in engineering is a commitment to a rigorous academic environment. CECS graduates emerge not just as engineers but as visionary thinkers and ethical leaders who have moved on to work at companies such as NASA, Ford, and DTE Energy.

› **LEARN MORE** at umdearborn.edu/cecs/graduate-programs

Certificates

- Automotive Materials and Design
- Automotive Noise, Vibration & Harshness
- Automotive Powertrains
- Control Systems
- Electric Energy Technology
- Electrical System Analytics
- Electrical System Equipment
- Electrical System Planning
- Electrical System Protection and Control
- Engineering of Electrified Vehicular Systems
- Game Design
- Industrial Mechatronics
- Intelligent Systems in Engineering Applications
- Materials for Manufacturing
- Modeling and Simulations in Engineering
- Plastic & Composite Materials
- Program & Project Management
- Software Engineering
- Systems Engineering
- Vehicle Electronics & Controls

GRADUATE PROGRAMS

Doctoral

- Automotive Systems and Mobility (DEng)
- Computer and Information Science (PhD)
- Electrical and Computer Engineering (DEng)
- Electrical, Electronics, and Computer Engineering (PhD)
- Industrial and Systems Engineering (PhD)
- Mechanical Sciences and Engineering (PhD)

Master's

- Artificial Intelligence (MS)
- Automotive and Mobility Systems Engineering (MSE)
- Bioengineering (MSE)

- Computer and Information Science (MS)
- Computer Engineering (MSE)
- Cybersecurity and Information Assurance (MS)
- Data Science (MS)
- Electrical Engineering (MSE)
- Energy Systems and Sustainability Engineering (MSE)
- Engineering Management (MS)
- Human-Centered Design and Engineering (MS)
- Industrial and Systems Engineering (MSE)
- Information Systems and Technology (MS)
- Manufacturing Analytics Engineering (MSE)
- Materials Science and Engineering (MSE)
- Mechanical Engineering (MSE)

- Program and Project Management (MS)
- Robotics Engineering (MSE)
- Software Engineering (MS)

Dual Degree

- Industrial and Systems Engineering (MSE) and Business Administration (MBA)

These programs are available in an online format. There is no distinction between an online or on-campus degree or certificate. Most also offer a fully on-campus or hybrid option of study.

These programs allow qualified UM-Dearborn undergraduate students to save time and money earning both a bachelor's and master's degree in 5 years.

Best Business School


fifteen years
in a row


by *The Princeton Review*

GRADUATE PROGRAMS

Master's

-  Accounting (MSA)
 -  Master of Business Administration (MBA)
 - Business Analytics (MS)
 -   Finance (MSF)
 -  Financial Analytics (MS)
 -  Information Systems (MS)
 -   Marketing (MS)
 -  Marketing Analytics (MS)
 - Supply Chain Management (MS)
- ### Dual Degrees
- Accounting (MSA) and Finance (MSF)
 -  Business Administration (MBA) and Finance (MSF)
 - Business Administration (MBA) and Information Systems (MS)
 -  Business Administration (MBA) and Industrial and Systems Engineering (MSE)
 - Business Administration (MBA) and Supply Chain Management (MS)

 These programs are available in an online format. There is no distinction between an online or on-campus degree or certificate. Most also offer a fully on-campus or hybrid option of study.

 These programs allow qualified UM-Dearborn undergraduate students to save time and money earning both a bachelor's and master's degree in 5 years.

The College of Business

A graduate degree in business is a powerful way to accelerate your career. Whether you want to move into leadership or create new opportunities, graduate study provides the skills and network to get there. The **College of Business (COB)** offers nine master's programs and five dual degree options, all recently redesigned to reflect the latest business challenges — from digital marketing and artificial intelligence to business analytics, sustainable supply chains, and financial strategy.

Each program combines rigorous coursework with applied learning experiences. Many students engage in consulting-style projects with industry partners to solve real-world business problems. You will also have access to our Bloomberg Finance Lab, where you can gain real-time trading experience and earn Bloomberg Market Concepts certification. Every program includes significant opportunities for online learning, and you can complete the MBA, MS in Finance, and MS in Marketing fully online, fully on campus, or in a hybrid format.

By enrolling in a graduate program at the College of Business, you will earn a world-renowned University of Michigan degree at a pace that works for your life. With a global U-M alumni network of more than **690,000**, you will have the opportunity to expand your professional contacts and find community before and after you graduate.

› **LEARN MORE** at umdearborn.edu/cob/grad-programs



At UM-Dearborn, You'll Have Access To:

Experience Plus

Experience+ is an initiative focused on connecting students with interactive learning opportunities across campus. Through this program, we have provided research grants, created a new mentoring program, and launched a digital storytelling project that offers students a paid experience in media and other digital technologies.

Career Development Opportunities

The Office of Career Services helps UM-Dearborn students and alumni with planning and preparing for their careers through resume workshops, mock interviews, online assessments, and more. They also facilitate connections between students, employers, and the community by providing a wide range of events and guidance that help students advance their job search.

Civic Engagement

At UM-Dearborn, graduate students are empowered to become community leaders through a wide range of civic engagement opportunities—including leadership programs, volunteer service projects, and democratic engagement initiatives. These experiences offer you the chance to make meaningful connections on campus and within your local, national, and global communities. Volunteering at UM-Dearborn benefits both you and the community. You'll gain valuable insights into pressing social issues and develop the skills to drive long-term change. Through service, graduate students learn to lead with empathy, engage with diverse perspectives, and create a lasting difference.

Wellness Services

Success goes beyond academics. UM-Dearborn offers a variety of programs and resources to support your physical, mental, and emotional health needs. Our exercise facility is free for students and is equipped with everything needed to help you stay fit and active. We also offer free counseling and psychological services through our CAPS office as well as disability and accessibility services to all students.



Student Life

With more than **150 student organizations**, there is no shortage of opportunities for students to boost their career potential and enhance their social life. Join an existing organization, like the Student Government or the Graduate International Student Organization — or start an organization of your own.



Environmental Interpretive Center

Students can take advantage of our Environmental Interpretive Center (EIC), a building on campus that focuses on raising public awareness of environmental issues and developing solutions for more healthy and sustainable communities. The EIC also acts as a gateway to the university's beautiful 120-acre Environmental Study Area, which is bordered by Dearborn's campus and the Rouge River.



Our PhD Programs ARE FULLY FUNDED

› CECS PhD students receive full funding in the form of an appointment as a Graduate Student Instructor (GSI), Research Assistant (GSRA), or a combination of both. This covers a competitive monthly stipend, health insurance, and tuition waiver.

Financing Your Graduate Studies

Understanding the cost of your graduate education is important. Tuition for graduate students at the University of Michigan-Dearborn varies depending on several factors, including residency status, the specific program of study, and whether you are attending courses in-person or online.

Financial Aid

Navigating the financial aid process can be complex, but there are multiple resources available to our graduate students. The Free Application for Federal Student Aid (FAFSA) is your key to graduate federal financial aid like Unsubsidized Direct Loans and Graduate PLUS Loans. UM-Dearborn also offers various funding opportunities including scholarships and assistantships for qualifying students. Out-of-state and international students enrolled in an in-person degree-seeking program are eligible to receive our Graduate Dearborn Scholarship with a yearly value of up to \$10,000.

For aid-related questions, prospective students should connect with the Office of Financial Aid and Scholarships.



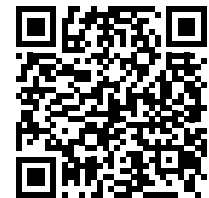
For full details on graduate tuition and funding options, visit umdearborn.edu/gradcalculator

How to Apply

APPLY ONLINE at umdearborn.edu/gradapplynow

REQUIREMENTS INCLUDE:

- Graduate school application fee (or an approved fee waiver request)
- Statement of purpose
- Resume or CV
- Letters of Recommendation (# varies by college and degree level)
- University Transcripts from all institutions attended
- English Language Proficiency (if native language is not English)



Scan QR code for more information on admissions requirements and to apply for admission.

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