WELCOME TO THE UNIVERSITY OF CINCINNATI

Oxana Prokhorova
Director of Global Engagement
College of Engineering and Applied Science
University of Cincinnati

University of CINCINNATI


University of
CINCINNATI



AMONG THE WORLD'S
MOST BEAUTIFUL
COLLEGE CAMPUSES
(FORBES)

CARNEGIE
RESEARCH I INSTITUTION
(146 TOTAL)

TOP 100
MOST INNOVATIVE UNIVERSITIES
(REUTERS)

$76.5 MILLION
EARNED COLLECTIVELY
BY CO-OP STUDENTS

#1 PUBLIC UNIVERSITY
FOR CO-OPS & INTERNSHIPS
(U.S. NEWS & WORLD REPORT)

#203
BEST GLOBAL UNIVERSITIES
(U.S. NEWS & WORLD REPORT)


UC ranked
AMONG THE TOP 200 GLOBAL UNIVERSITIES
(U.S. NEWS & WORLD REPORT)
TOP-RANKED CO-OP & INTERNSHIPS
(U.S. NEWS & WORLD REPORT)
PUBLIC UNIVERSITY OF THE YEAR
(THE WASHINGTON CENTER)
#3 UP-AND-COMING UNIVERSITIES
(U.S. NEWS & WORLD REPORT)
AMONG THE WORLD'S MOST BEAUTIFUL COLLEGE CAMPUSES
(FORBES)
#5 WORLDWIDE MOST WELCOMING
(INTERNATIONAL STUDENT BAROMETER)
NO. 1 FOR RETURN ON INVESTMENT
(POLICYMIC)
RESEARCH I INSTITUTION
(OF ONLY 115 IN THE US)
50 RANKINGS IN THE TOP 50
(U.S. NEWS & WORLD REPORT)



AMONG THE WORLD'S MOST BEAUTIFUL CAMPUSES

-Forbes

Universities with Highest Likelihood of Unicorns



Data covers 1,110 US-based VC-backed companies that became unicorns in 1997 and 2021 as well as 1,028 randomly selected US-based VC-backed companies matched only by year of first VC round. We identified universities, where founders of 1,081 unicorns and 961 random sample companies either studied or worked. The odds ratio represents the ratio of the percentage of unicorns to the percentage of random sample companies with at least one founder who studied or worked at this university. This chart includes top 12 universities that are associated with at least 10 unicorns, ranked by the odds ratio of producing a unicorn. The sizes of circles are not to scale with the odds ratios they represent.

SOURCE: Ilya Strebulaev, Venture Capital Initiative, Stanford Graduate School of Business (01/2024)

@IlyaSTREBULAEV

1819 INNOVATION HUB, WHERE NEXT HAPPENS



UC's innovation agenda brings students, businesses and faculty together to solve problems facing the community and the world.

- **StartupUC Student Incubator** employs "Lean Startup" methods developed at Stanford University
- **The 1819 Venture Lab** - a free resource for students, faculty, and community, helping early-stage founders launch ideas and secure initial funding. A part of UC Center for Entrepreneurship
- **Venture Lab Digital Pre-accelerator** - Digital Pre-Accelerator helps build a business model
- **Venture Lab Accelerator** - eight-week cohort-based program

University of CINCINNATI
COLLEGE OF ENGINEERING AND APPLIED SCIENCE

University of CINCINNATI



42,000 undergraduates

12,000 graduate & professional

54,000 total enrollment

6,500 international students

18:1 student / faculty ratio

426 programs of study

University of CINCINNATI

College of Allied Health Sciences

College of Pharmacy

College of Arts & Sciences

Lindner College of Business

College of Education, Criminal Justice & Human Services

College of Engineering & Applied Science

College of Law

College of Conservatory of Music

College of Nursing

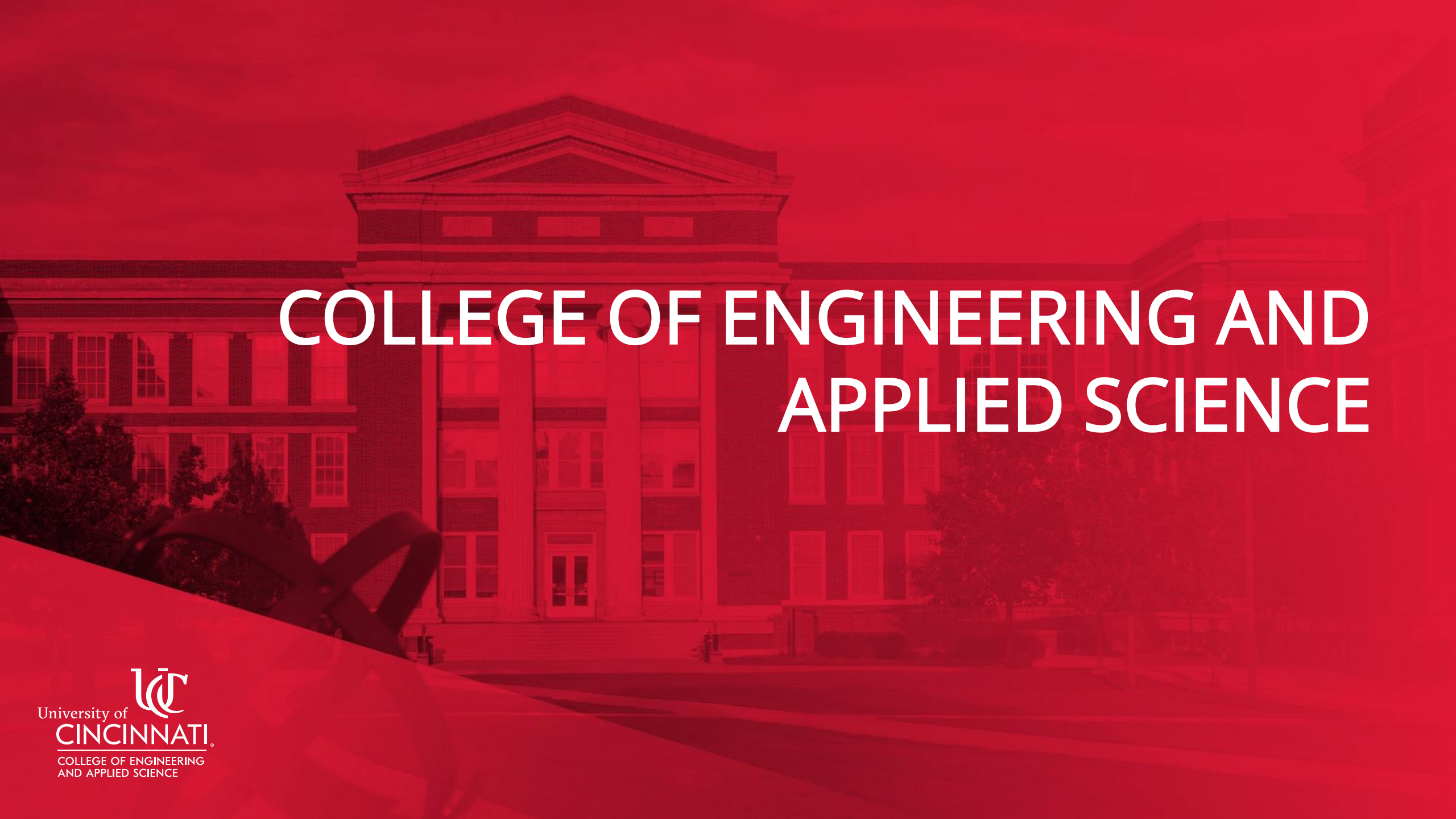
College of Medicine

College of Design, Architecture, Art, and Planning

11 Academic Colleges on Main Campus

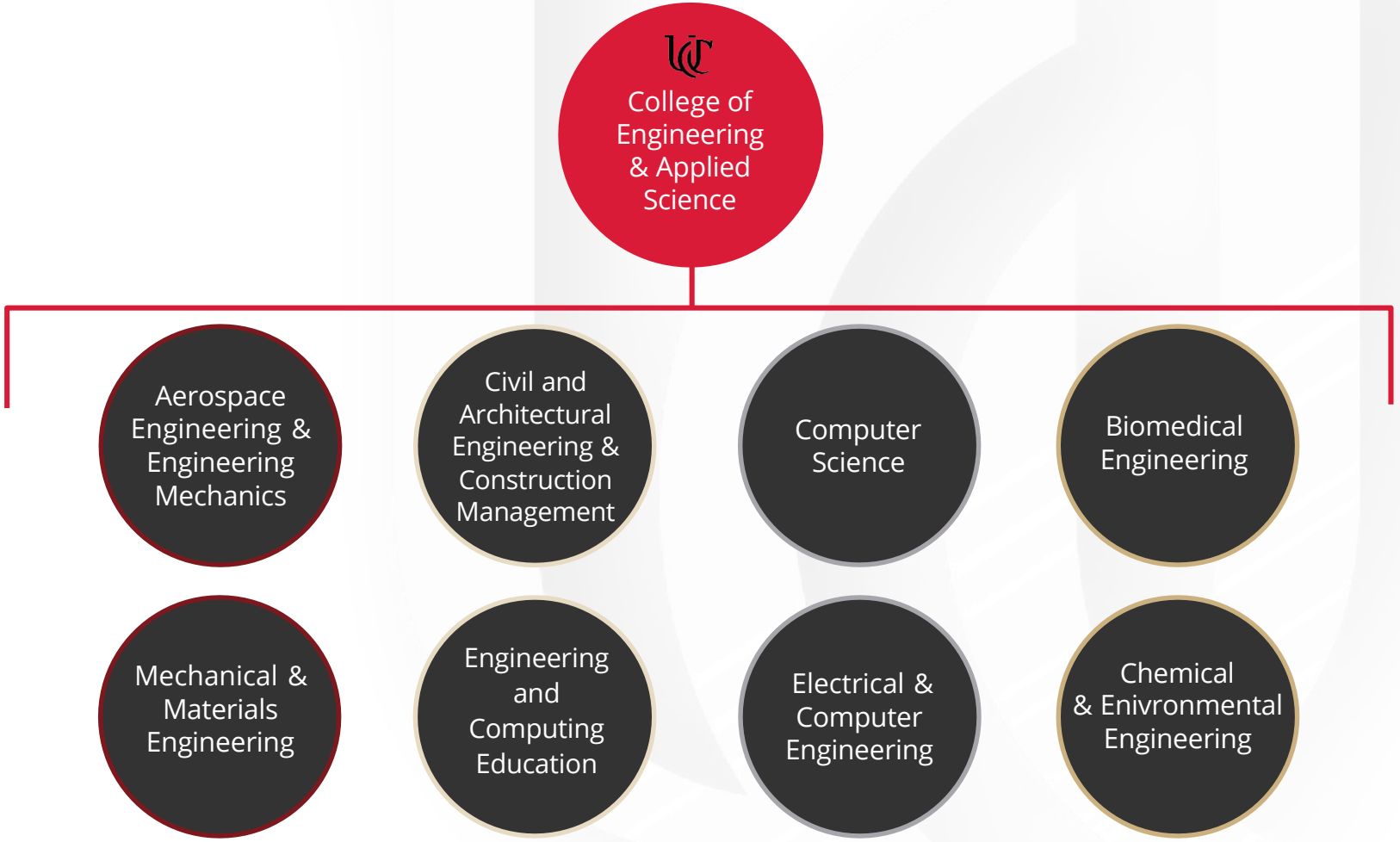
54,000+ Students

$10.6B Impact


COLLEGE OF ENGINEERING AND
APPLIED SCIENCE
University of
CINCINNATI
COLLEGE OF ENGINEERING
AND APPLIED SCIENCE

CEAS DEGREE PROGRAMS

15 BACHELOR OF SCIENCE DEGREE PROGRAMS



UNDERGRADUATE TO GRADUATE MODEL OF COLLABORATION

3+1+1(2) (Home BS + UC Meng or MS)

Students in good academic standing at home University take senior BS qualifying courses in UC CEAS as study abroad visiting students for home BS. Course credits are transferred back to earn your University BS degree.

- 3 years of undergrad study at home University.
- 1 year of senior undergrad study at UC – credits are transferred back, students earn BS from their school. No BS degree from UC. If study well (3.0 GPA): admit to MEng.
- 1 more year of MEng study at UC, students earn MEng degree from UC. MS possible too, takes students 1.5-2.0 years more to complete.

UNDERGRADUATE TO GRADUATE MODEL OF COLLABORATION

3+1+1(2) (Home BS + UC Meng or MS)

Program requirements to enter senior BS year at UC

- 3.0 or higher GPA
- TOEFL of 80 or better/IELTS 6.0/Pearson Test of English of 47/Duolingo 100
- No course deficiencies
- Program of study approved prior to coming to UC
- No GRE required if criteria met
- MEng Admission guaranteed for 3+1+1 students with 3.0 or higher GPA (competitive otherwise)
- Research Degree pathway possible (MSc and PhD)

GRADUATE MODEL OF COLLABORATION:
DUAL ARTICULATION MASTERS DEGREE MS/MENG

- Students simultaneously pursuing an MS from home University and an MEng from UC by spending time at both institutions.
- Programs further deepens academic and research partnerships between both Universities
- Broader selection of topics for students
- Combination degree and international experience increase students marketability
- Practical training opportunity in the US



DUAL ARTICULATION MASTER PROGRAM

MASTER OF SCIENCE FROM HOME UNIVERSITY

+

MASTER OF ENGINEERING FROM UC

Two degrees.
One accelerated pathway to industry-ready impact



WHY A DUAL MASTER'S WITH UC?



Graduate degree from two universities

- Earn **two graduate degrees** with only **one or two semesters** at UC after earning at least 15 credits of master-level coursework at your home university



Diverse coursework and faculty

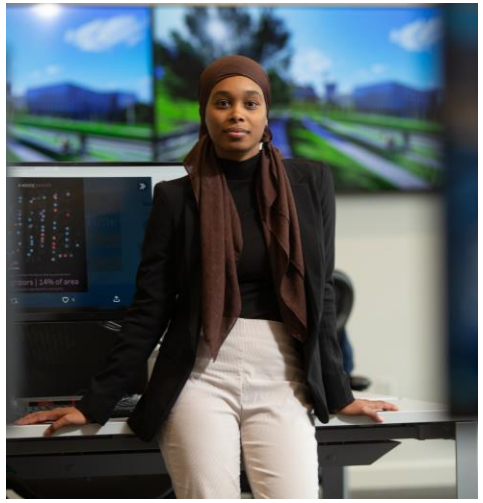
- Industry-focused UC Master of Engineering: advanced technical depth + professional skills
- Broaden your course selection and learn with expert faculty across two institutions.
- Flexible capstone options: UC lab project, paid CPT internship, or project at home university.



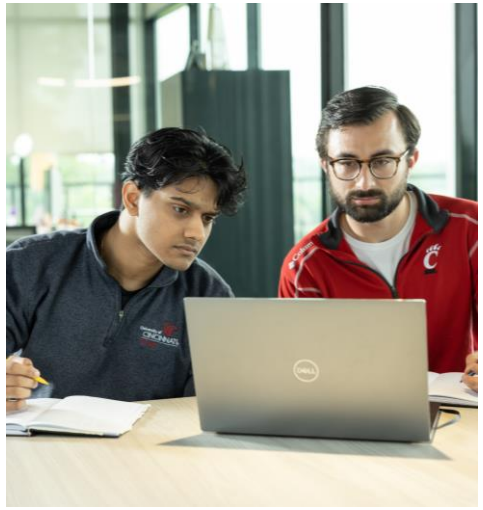
For qualified students, Pathway to PhD

- R1 university with 120+ engineering labs and strong employer connections – MS and PhD pathway also a possibility
- Flexible capstone options: UC lab project, paid CPT internship, or project at home university.

WHO THRIVES IN THIS PROGRAM?



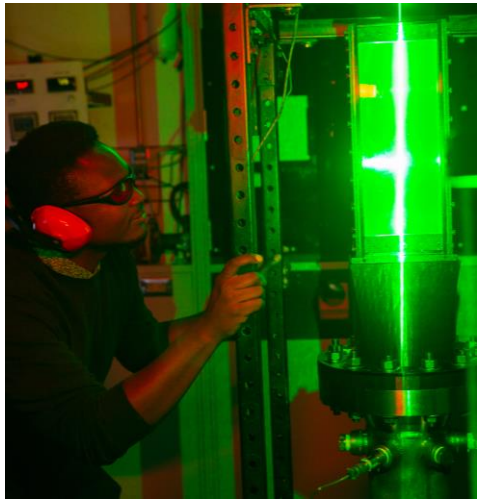
Master's students seeking a U.S. credential plus global academic experience



Engineers targeting industry roles where practical training matters more than a thesis

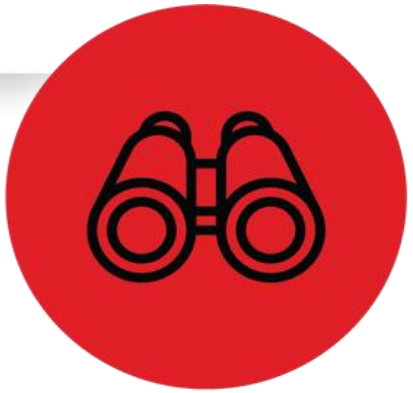


Students seeking CPT/OPT pathways and exposure to U.S. job markets



Learners combining disciplines (e.g., Mechanical + Robotics)

UC MASTER OF ENGINEERING (MENG) PROGRAM



Industry Focused Graduate Degree
- Advanced technical skills
- Professional skills (leadership and teamwork)



Coursework + Capstone Project/ Internship



No thesis required
- for UC MEng degree



Completed in less than 1 year at UC



Scholarship support for every graduate student

CEAS MENG DEGREE OPTIONS

Aerospace Engineering
Artificial Intelligence
Biomedical Engineering
Chemical Engineering
Civil & Environmental Engineering
Computer Engineering
Computer Science & Software Engineering
Electrical Engineering
Industrial & Systems Engineering
Materials Science & Engineering
Robotics & Intelligent Autonomous Systems
Mechanical Engineering
Sustainable Energy

More Graduate Degree Program Info



PROGRAM STRUCTURE AT A GLANCE

- Total: UC requires **30 credits** (no thesis)
- **Advanced Standing**: transfer 15 eligible master-level credits from your home university
- **Complete 15 credits** (12 academic + 3 capstone) at UC in 1 semester, Fall (Aug–Dec) or Spring (Jan–Apr)
- **One semester completion possible** with lab-based capstone project or home University completed capstone
- **3 Capstone options**: at UC lab - project, at the USA - paid CPT internship, or a project at home university
- For **project capstone complete project/paper** under supervision of faculty member in your major
- **For internship capstone in the USA** must enroll in the **2nd semester** and find employment
- Internship is paid as Curricular Practical Training or CPT. Assistance with job search is offered. Internship is not guaranteed

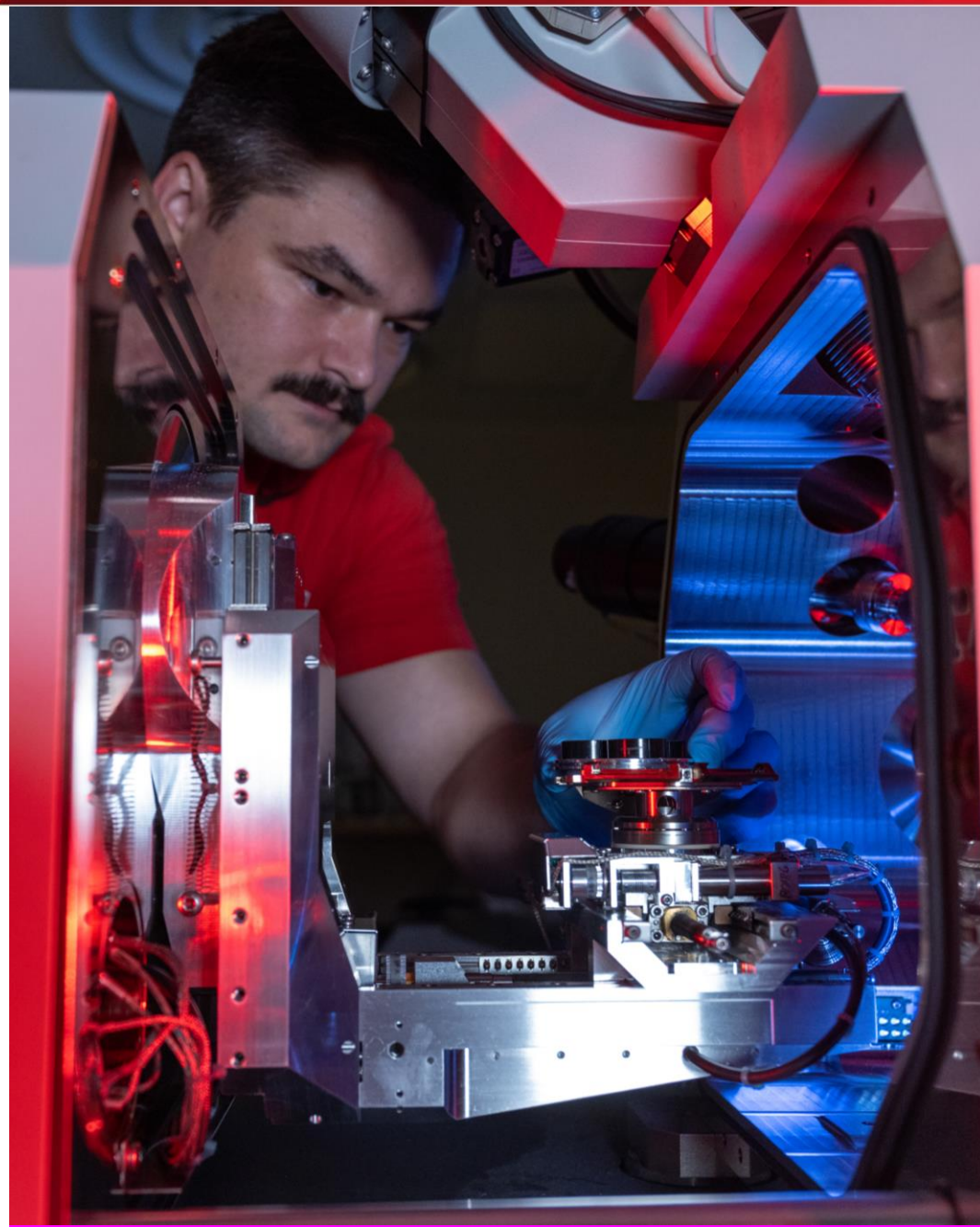
ADMISSION REQUIREMENTS

- **Bachelor's degree** and **Master level** completion of at least **15 credit hours** in corresponding program with **3.0 GPA** or equivalent
- **TOEFL of 85** or better/**IELTS 6.5/PTE 59/ DuoLingo 110**
- **GRE not required** if recommended for admissions by home University
- **Approved F-1 visa** (form I-20) for 1-2 semesters (UC will issue I-20)



ADVANCE STANDING (TRANSFER CREDITS)

- Home university **prescreens and recommends students**
- Sends list of eligible students with **undergraduate** and **graduate** transcripts (unofficial OK)
- Indicates **each student requested program of interest**
- UC evaluates **15 non-duplicative master-level credits** for transfer into a **matching MEng program** and confirms requested program or suggests an alternative
- Syllabi may be requested to confirm equivalency.
- Avoid repeating similar-content courses at UC



HOW TO APPLY

1. Home university sends eligible student list + transcripts + requested program to UC for pre-review

2. UC CEAS graduate office reviews and invites qualified students to apply

3. Student completes UC online application (transcripts, English scores, SOP, 2 references; $80 fee)

4. If admitted, confirm your offer and pay $100 confirmation fee to start I-20 process

5. UC International emails I-20 instructions within ~5 days of confirmation

6. Student applies for visa and makes travel arrangements

APPLICATION TIMING

- **Start at UC in Fall**: submit complete application by March 31
- **Start at UC in Spring** (dual-degree only): apply by mid-October.
- If applying for Spring, submit Fall application then email julie.steimle@uc.edu to shift to Spring.
- Apply the earlier the better



APPLICATION PROCESS

1

Step 1: Send a list of eligible students and transcripts to CEAS for review of credentials
Students create a new account by using the link above and submit transcripts, TOEFL scores, statement of purpose and provide names and contact information of two references.

- If intending to study in Spring students must apply for Fall, upon completion of application send an email to: Julie.Steimle@uc.edu stating that you have applied to the Dual Degree Spring program and ask that we will change your admission date to Spring 2025. There is an USD $80.00 application fee. Fees are paid by credit card.

- University Online Application : https://grad.catalyst.uc.edu/apply/

2

Step 2: Review Process
Upon completion of the above application process your file will be reviewed and you can check your status online at: https://grad.uc.edu/admissions.html

APPLICATION PROCESS

3

Step 3: Application Approval
Once you are offered admission, please confirm your offer on the portal and an email will be sent from our International Office (international.students@uc.edu) on what is required to prepare your I-20.

4

Step 4: International Office and I-20 Issuance
Additional information about I-20's can be found on our International Students website http://www.uc.edu/international/services/students/prepare/i-20_faq.html

CPT/OPT

- Interested & qualified students can apply for CPT (Curricular Practical Training) for Capstone as internship for 2nd semester
- Interested & qualified students on valid F-1 visa can apply for OPT (optional practical training) upon completion of **2 semesters** at UC
  - Need to enroll in at least one credit hour in second semester to qualify to apply to OPT
- Apply for 12 months initial OPT within 90 days before and 60 days after degree completion

F-1 AND I-20

- The I-20 is the "Certificate of Eligibility," a student is "eligible" to apply for an F-1 student visa

- After receiving an I-20 from UC, students make an appointment to apply for the F-1 visa at the local U.S. embassy or consulate.

- Students must present both the F-1 visa and the I-20 to a U.S. Immigration inspector upon arrival at the port-of-entry.



COST AND SCHOLARSHIPS (2025-2026)

	Semester 1 at UC	Semester 2 at UC if student elects to stay for CPT/project in U.S
Tuition & fees	US $15,264 **($4,195** scholarship available)	Enroll in 1 credit MEng Capstone (~US $1,509)
Student owes	US $**11,069*** tuition + insurance	Insurance ~US $1,213.50 (if required)
Living expenses (estimate)	~US $6,000	Varies by internship/location
Financial Assistance	Students from Taiwan can apply for Luchen Scholarship, which can reduce cost even more	

Figures reflect 2025 – 2026 rates and may adjust. Scholarship applies to Semester 1 tuition; amounts exclude personal expenses and travel.



LUCHEN SCHOLARSHIP

A special scholarship is available to students from Taiwan

- Approximately covers remaining tuition fees
- Depending on the number of applicants, award might be competitive and amount might differ

To Apply

- Scholarship applicants must first be admitted to a degree program at UC in a STEM-related discipline. UC programs have cut-off dates for admissions. Apply early to qualify.
- The Luchen Scholarship priority application deadline is October 30.

UC GRADUATION

Students completing Capstone in Fall semester apply for Fall Graduation:

- ✓ Deadline to apply for Fall Graduation is September. Actual graduation date is in **December**.

Students completing Capstone in Spring semester apply for Spring Graduation:

- ✓ Deadline to apply for Spring Graduation is January. Actual graduation date is in **late April.**

Students completing Capstone in Summer semester apply for Summer Graduation:

- ✓ Deadline to apply for Summer graduation is May. Actual graduation date is **August.**





UC GRADUATION (CONT.)

Online Graduation Application

Graduation application fee is $50.00
(non-refundable)



STUDENT SUPPORT AND RESOURCES



Career Development

- Job Fairs
- Guidance for internship support (students secure positions)



Housing

- On-campus graduate housing
- Robust off-campus listings



R1 University

- 120+ engineering labs
- Industry partnerships across sectors

SPRING’26 CAREER FAIR & FALL’26 CAREER FAIR

FOR BUSINESS, ENGINEERING & IT





EMPLOYMENT SUPPORT TOOLS

* Use your UC login credentials

1. Handshake: https://uc.joinhandshake.com/*
2. Interstride: https://interstride.com/cincinnati/*
3. CareerShift: https://www.careershift.com/?sc=UCincinnati*
4. BigInterview: https://uc.biginterview.com/*
5. Coursera for Campus: https://forms.office.com/r/JntRZKX4c6*
6. LinkedIn: https://www.linkedin.com/in/mclaughlinamanda/
   - LI CEAS Grad Student Group: https://www.linkedin.com/groups/8559493/
7. GetInvolvedUC: https://getinvolved.uc.edu/*
8. Center for Community Engagement: https://volunteer.uc.edu/*
9. Much more…

~ Hackathons ~ Cincinnati Networking Events ~ Alumni Meetups ~

What it’ s like to be a UC graduate CEAS student?

Hear from real students:



"Currently, I’ m working as a Software Development Engineer Intern at Amazon… this internship has been an incredible milestone in my journey as a software engineer."
— **Vinay Kyatham**,
MEng in Computer Science



"I moved from industry to academia, and it was the best decision I’ ve made. UC helped me meet amazing researchers, win a hackathon, and work on impactful AI projects."
— **Adonai Vera**,
MEng in AI



"Professors were always accessible and open to discussion. The learning process was both challenging and fulfilling."
— **Shiva Rajamuri**,
MEng in Computer Science,
Intern at American Family Insurance



“This program has given me all the tools needed to succeed in my career.”
— **Himamsa Shaik**,
MEng CS, Intern at Fifth Third Bank

POSTGRADUATE CAREER SUCCESS

Dedicated career coach: 1-on-1 coaching, resumé & LinkedIn development, mock interviews, professional webinars, in-person career fairs, networking events, and more.

Students are hired by **international and regional employers**, including Amazon, Intel, AMD, Applied Materials, BMW, Cummins, Airtrek Robotics, Infineon, Tesla, Great American Insurance Group, Honeywell, Kaleidoscope and top academic and research institutions.

Average Job Placement Rate for largest programs for international students (2 months post graduation): 94% Computer Science; 96% Computer Engineering; 80% Mechanical Engineering

Average starting salary for graduates $75,000-$125,000



CONTACTS AND LINKS



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UC Graduate Application

Admissions Status Portal

UC Graduate Housing

Off-Campus Housing

ADDITIONAL INFORMATION

https://www.uc.edu/

https://ceas.uc.edu/

https://www.youtube.com/user/uofcincinnati

https://international.uc.edu/students/services.html

List of our degree programs can be found here:

https://ceas.uc.edu/academics/degrees-programs/graduate.html

Please only look at **MEng degrees** for this program. Once you click a particular program, CURRICULUM tab allows you to see the program content

CINCINNATI OHIO







Opportunities for Research, Internships, Employment

- 7 Fortune 500 companies headquartered in Cincinnati; 400 have a presence in city
- Ranks as a top city for professionals to settle and start stable careers

QUESTIONS?

