

## How to Apply

To apply, please complete the application online at [gradapply.osu.edu](http://gradapply.osu.edu). You'll need to upload the following with your application:

- **Transcripts:** Official scanned copies of transcripts from all post-secondary institutions.
- **Statement of Purpose:** A concise, focused statement which discusses your goals, plan of study, suitability for graduate school, strengths, achievements, extracurricular activities, etc.
- **Resume or CV:** This should summarize your background and be two pages or less.
- **Three letters of recommendation:** You will be prompted to enter the email addresses of three recommenders, who will each be automatically emailed with instructions on how to submit their online reference.
- **Official GRE and TOEFL scores:** Institution code 1592; no department code needed.



Angela Bennett  
Graduate Program Coordinator  
Phone: (614) 292-9076  
Email: [bennett.234@osu.edu](mailto:bennett.234@osu.edu)



THE OHIO STATE  
UNIVERSITY  
COLLEGE OF ENGINEERING

## Application Deadlines

<b>Autumn 2021</b>	International Students	Domestic Students
PhD (Priority Funding)	Nov. 30, 2020	Dec. 4, 2020
PhD Deadline	Dec. 31, 2020	Dec. 31, 2020

Please note that ALL materials must be submitted and received by the application deadlines listed.

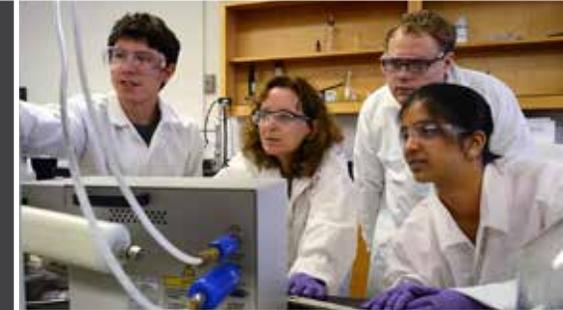
All Ph.D. students in the department receive financial support (Fellowships, GRA, GTA) which includes a full tuition waiver and a competitive monthly stipend - a total package worth well over \$50,000 per year.



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William G. Lowrie Department of  
Chemical and Biomolecular Engineering  
310 Koffolt Laboratories  
CBEC • 151 W. Woodruff Avenue  
Columbus, OH 43210-1350

Graduate Program Information



THE OHIO STATE UNIVERSITY  
COLLEGE OF ENGINEERING

# William G. Lowrie Department of Chemical and Biomolecular Engineering

## About the Department

The William G. Lowrie Department of Chemical and Biomolecular Engineering has a long history of excellence in both undergraduate and graduate education and is one of the oldest chemical engineering programs in the country.

The department has 21 tenure-track professors, one active emeritus faculty, 100 graduate students, 900 undergraduate students, and more than 4,000 alumni. Our faculty offer students an exciting opportunity for their doctoral education and prepare them well for a career in academia or industry. Nearly all of our students have their first choice of advisors. Our goal is to become one of the top ten chemical engineering research and education departments in the country.

## Quick Links

- [cbe.osu.edu](http://cbe.osu.edu)
- [engineering.osu.edu](http://engineering.osu.edu)
- [www.gradsch.ohio-state.edu](http://www.gradsch.ohio-state.edu)

## About the Program

Our graduate program provides opportunities for intensive course work, research and teaching experience, and our 100 graduate students are in high demand in both industry and academia.

Our research program offers a solid foundation in both theoretical and applied aspects of chemical engineering. We offer outstanding research programs in many cutting-edge technology areas, and the department is home to several consortia and interdisciplinary research centers.

Students enjoy unique opportunities to interact and work with top scientists from first-rate research centers and institutes on campus and around Ohio, such as the Comprehensive Cancer Center, Heart and Lung Research Institute, Cleveland Clinic Foundation, Institute for Materials Research, Center for Resilience, Center for Automotive Research, Center for Affordable Nanoengineering, Mathematical Biosciences Institute, and more.

## Research Priorities

- Applied molecular biology
- Bioengineering/biotechnology
- Colloids/aerosols/particle technology
  - Fluid mechanics/multiphase flow
- Molecular thermodynamics/molecular simulation
- Polymers/nanomaterials/membranes
  - Process systems engineering
  - Reaction engineering/catalysis
- Sustainability, Energy, Environment

*Over the past five years, our research expenditures have averaged \$8 million per year.*

## About Columbus

Ohio's capital is a friendly city of sleek high-rises and century-old buildings nestled on the Scioto River. Named the 2015 Intelligent Community of the Year by the Intelligent Community Forum, Columbus is the 15th largest city in the U.S., with all the big-city amenities, opportunities and events that one would expect.

In addition to a thriving arts and music scene, distinctive neighborhoods, festivals, great restaurants, and a bustling nightlife, it offers green, open spaces, local parks, museums, and abundant water and other recreational activities. Close by are national landmarks Hocking Hills State Park, the Ohio Caverns, and many other attractions.

Despite its size, Columbus retains a small-town feel and is affordable, easy to get around in, and filled with outgoing people. Combine that with a central location within a day's drive of 50% of the U.S. population and a cost of living 6.3% below the national average, and it's easy to see why Columbus is one of the best big cities to live in.



*Campus Gateway, a popular nightlife destination for students, features a movie theater, restaurants and art gallery.*

Visit the following for more area info:

- [go.osu.edu/ExperienceColumbus](http://go.osu.edu/ExperienceColumbus)
- [go.osu.edu/CityofColumbus](http://go.osu.edu/CityofColumbus)
- [go.osu.edu/ColumbusFacts](http://go.osu.edu/ColumbusFacts)
- [go.osu.edu/OhioUnionEvents](http://go.osu.edu/OhioUnionEvents)
- [go.osu.edu/LiveWorkPlayInColumbus](http://go.osu.edu/LiveWorkPlayInColumbus)

