



The University of Akron
**College of Polymer Science
and Polymer Engineering**

uakron.edu/cpspe

State-of-the-Art Facilities | One-of-a-Kind Talent in Multiple Disciplines | Expertise Setting Us Apart from Other Polymer Programs

Professional Masters Degree Program

This degree program spans the gap between traditional MBA and MS degrees, interweaving fundamentals of polymer science and polymer engineering with coursework from the Business and Law schools. An ideal choice for leaders in polymer or polymer-related industries to obtain skills to solve business challenges with technical-mindedness.

Contact:
Mark Foster
mdf1@uakron.edu

Training Services

The College offers training short-courses throughout the year, covering such topics as rubber mixing, polymer processing, and composition analysis skills. Most classes take a hands-on approach to learning, so tend to be smaller in size and fill up fast.

Contact:
Penelope Pinkston
penelo1@uakron.edu

Contact:
Lone East
lleast@uakron.edu

Part-time MS and PhD Programs

Part-time MS and PhD Programs

Our internationally recognized Masters and PhD programs in the disciplines of Polymer Science and Polymer Engineering are available in a more flexible time format. Many classes are held in the evenings after work hours.

Contact:
Randy Marvel
rmarvel@uakron.edu

National Polymer Innovation Center and Polymer Processing Center

National Polymer Innovation Center and Polymer Processing Center

Our processing capabilities cover benchtop to pilot scale, and comprise conventional technologies like extrusion and injection molding, to advanced manufacturing techniques such as multilayer film extrusion, electromagnetic responsive processing, roll-to-roll solution casting, UV and IR curing techniques, and additive manufacturing.

Collaborative Research, Intellectual Property, Startups

Collaborative Research, Intellectual Property, Startups

Connecting with our faculty taps into expertise in biomaterials, drug detection and delivery, coatings, advanced / additive manufacturing, biomimicry, next-generation solar cells and energy storage, multi-scale molecular modeling, and sustainability and recycling.

Contact:
Paula Watt
pw19@uakron.edu

Testing Services

Testing Services

The instrumentation capabilities of the entire college at your fingertips, staffed with dedicated professionals. Whether analytical techniques like GPC, FT-IR, and NMR; imaging techniques such as SEM, TEM, and AFM; thermal and mechanical properties characterization, or advanced techniques like SAXS, micro-CT, and XPS, we can help solve your business challenges.

Contact:
Jason Randall
jrandal@uakron.edu

OPPORTUNITIES AND RESOURCES FOR INDUSTRY