

YOUR GUIDE TO ADVANCED STUDY



Capstone Certificate in  
**POLYMER**  
**PROCESSING &  
MANUFACTURING**  
**ONLINE**



UNIVERSITY OF WISCONSIN-MADISON

[go.wisc.edu/  
polymer-engineering-certificate](https://go.wisc.edu/polymer-engineering-certificate)



# **GROW** YOUR CAPABILITIES

## Put yourself at the leading edge of materials solutions

### A graduate-level deep dive into polymer design, processing, manufacturing and fabrication

This 100% online certificate program was created for working engineers and STEM professionals who want to apply polymer processing and manufacturing knowledge to solutions in a range of industries, from automotive to advanced medical devices to consumer products. It addresses a spectrum of materials, from traditional plastics to the latest innovations in specialty polymers.

## Concentrated study of polymer materials

### Based on coursework from our Polymers master's program

Integrating UW–Madison research, collaboration with industry and the broad knowledge of senior faculty, this high-level course content is designed to expand career possibilities in the fast-evolving manufacturing environment.

You'll gain a comprehensive base of knowledge for specifying, evaluating, designing and manufacturing polymer products and components

- Common synthetic strategies for the fabrication of polymers
- Issues in manufacture and processing to make a material or compound
- Analysis of outcomes based on properties of polymer materials

This certificate leverages existing Master of Engineering in Polymer Engineering courses and is stackable (all credits roll into the Master of Engineering: Polymer Engineering degree option).



## AT A GLANCE

**DEGREE CONFERRED**  
Capstone Certificate

**FORMAT**  
100% online

**TIMELINE**  
2–3 semesters

**CREDITS**  
9 graduate credits

**TUITION**  
\$1,300 per credit

**START**  
Fall & spring

## All online

UW–Madison is widely recognized for advancing knowledge and taking an innovative approach to distance learning. Faculty create a learning community that supports professionals and the application of learning to their work.

Learn from the best: UW–Madison's online engineering graduate programs are consistently top-ranked by *U.S. News & World Report*.

**Make your curriculum relevant to your needs. Choose from these areas of study.**

- Fundamentals of Injection Molding
- Additive Manufacturing
- Experimental Mechanics
- Advanced Polymer Processing
- Modeling and Simulation in Polymer Processing



**Dr. Andrea Strzelec**  
Program Director

### Get more information and insight today

For information and insight on the polymer processing & manufacturing program, contact Dr. Andrea Strzelec at [strzelec@wisc.edu](mailto:strzelec@wisc.edu).