

# Plastics and Composites Engineering

@ Western



A plastics and composites engineer can be involved in the development, planning, supervision, or construction of the materials, methods, and equipment for the production of industrial or consumer goods. Plastics and Composites engineers will help to solve the complex problems associated with plastics or composites manufacturing operations. Graduates work in teams with engineers, scientists, and technicians to solve manufacturing-related problems including environmental impacts of production.

- **ABET Accredited**
- **Bachelor's of Science**
- **148 total credits**

Learn



More

access to  
industry-  
grade  
labs

declare as a  
pre major any  
time!

research  
opportunities  
with faculty  
and industry  
partners

- Manufacturing Operations Analyst
- Composite Design Engineer
- Stress Engineer
- Materials Scientist

Sample  
Careers!

## Student Spotlight

"This program is hard work and requires a strong commitment. In my opinion, dedicated individuals get more opportunity and experience in this program compared to other majors at WWU. Professors in this program are passionate about what they teach and truly want to see students succeed."

- Kevin Slonecker: *Plastics & Composites Engineering*

  
**WESTERN**  
WASHINGTON  
UNIVERSITY

ENGINEERING & DESIGN

# Admissions & Advising

**Students emphasize in polymers and composites.**

**Lisa Ochs**  
Pre Major Advisor  
Lisa.Ochs@wwu.edu  
360 650 4132

**Dr. Nicole Larson**  
Program Director  
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360 650 3428

Admissions to this major is competitive. Your pre major advisor and program director are here to help!

## Plastics and Composites Engineering

Students enrolled in Western's Plastics & Composites Engineering (PCE) program study the relationship between molecular structure, processing, and properties of polymers and composites. The PCE curriculum prepares graduates who understand and apply established scientific and engineering knowledge to support engineering activities in manufacturing environments. The technical curriculum is built upon a firm base of mathematics, physics, chemistry, and materials science. Practical experience in design, materials, processing, economics, testing, and analysis is a crucial part of the hands-on curriculum that is provided in the program's extensive and well-equipped laboratory facilities. Western's PCE program is one of six in the nation and the only one on the west coast.

## Major Timeline

Apply to WWU and declare your pre major



Take pre major courses in year one and two



Apply to major- end of winter quarter year two

## Questions?

Contact [ENGD@wwu.edu](mailto:ENGD@wwu.edu)

or 360 650 3380

Build

Plan



Study Plastics and Composites Engineering

At Western Washington University