"The PCE major is an incredible program that facilitates learning through an experience-based approach which prepares young professionals for both industry and graduate studies."

Juliana Covarrubias
PCE Senior, Class of 2022

**Plastics & Composites Engineering**

**ABET Accredited | 150 credits | Bachelor of Science**

The only program of its kind in the nation. The PCE program prepares students for industry with practical experience in design, materials, manufacturing, economics, testing, and analysis of materials in well-equipped laboratories.

Are you interested in?
- sustainability in materials and manufacturing
- making a difference in the world
- problem solving
- making and designing stuff
- hands-on learning
- working with industry on real-world solutions

By the numbers
- 7 quarters of pre-major coursework
- 24 majors enrolled annually
- 75% students complete internships
- 10-15 undergraduate research positions
- 79% alumni working or in graduate school
- 6 full time faculty and staff

engineeringdesign.wwu.edu

Western is an equal opportunity institution.
Get involved!
Recent alumni employment
• Nike Process Engineer
• Boeing Manufacturing Engineer
• Tesla Mechanical Design Engineer
• Janicki Industries Project Engineer
• Systima Technologies Design Engineer

Areas of study
• Polymer/composite materials
• Traditional manufacturing
• Additive manufacturing/3D printing
• Tooling and part design

Our alumni say:
"The PCE professors and leaders provide the education, community, and opportunities necessary for success after graduation."
Katherine Ray, Class of 2019
Process Engineer, Nike

"WWU takes a multi-disciplinary approach to problem solving and positions you to be an effective team member on any project you are a part of."
Robert Kearney, Class of 2017
Product Development Engineer, Boeing

"The department offers incredible opportunities for those who are willing to seek them out. Be open to new experiences and try to get out of your comfort zone, you may find a passion for an aspect of engineering you did not know you had!"
Lina Ghanbari, Class of 2019
PhD student, University of Southern Mississippi

Hands-on Learning
Our laboratories are well equipped with industry-grade machines and instruments. Students have access to thermoplastic processing, composite and thermoset processing, and materials testing. Some of our equipment includes an autoclave, pneumatic ski press, extruders, injection molders, and cnc machines.

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• Systima Technologies Design Engineer

Areas of study
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• Traditional manufacturing
• Additive manufacturing/3D printing
• Tooling and part design

Contact information
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360.650.3380
Engineering & Design
516 High Street, MS9086
Bellingham, WA 98225

Get involved!
PCE students have opportunities to work alongside faculty on industry-sponsored research projects. Many of our students have landed internships and full time employment with companies after being on a research team. Research topics include ocean plastics recycling, reducing aerospace composite waste, compostable plastics, and high performance 3D printing for space applications.