

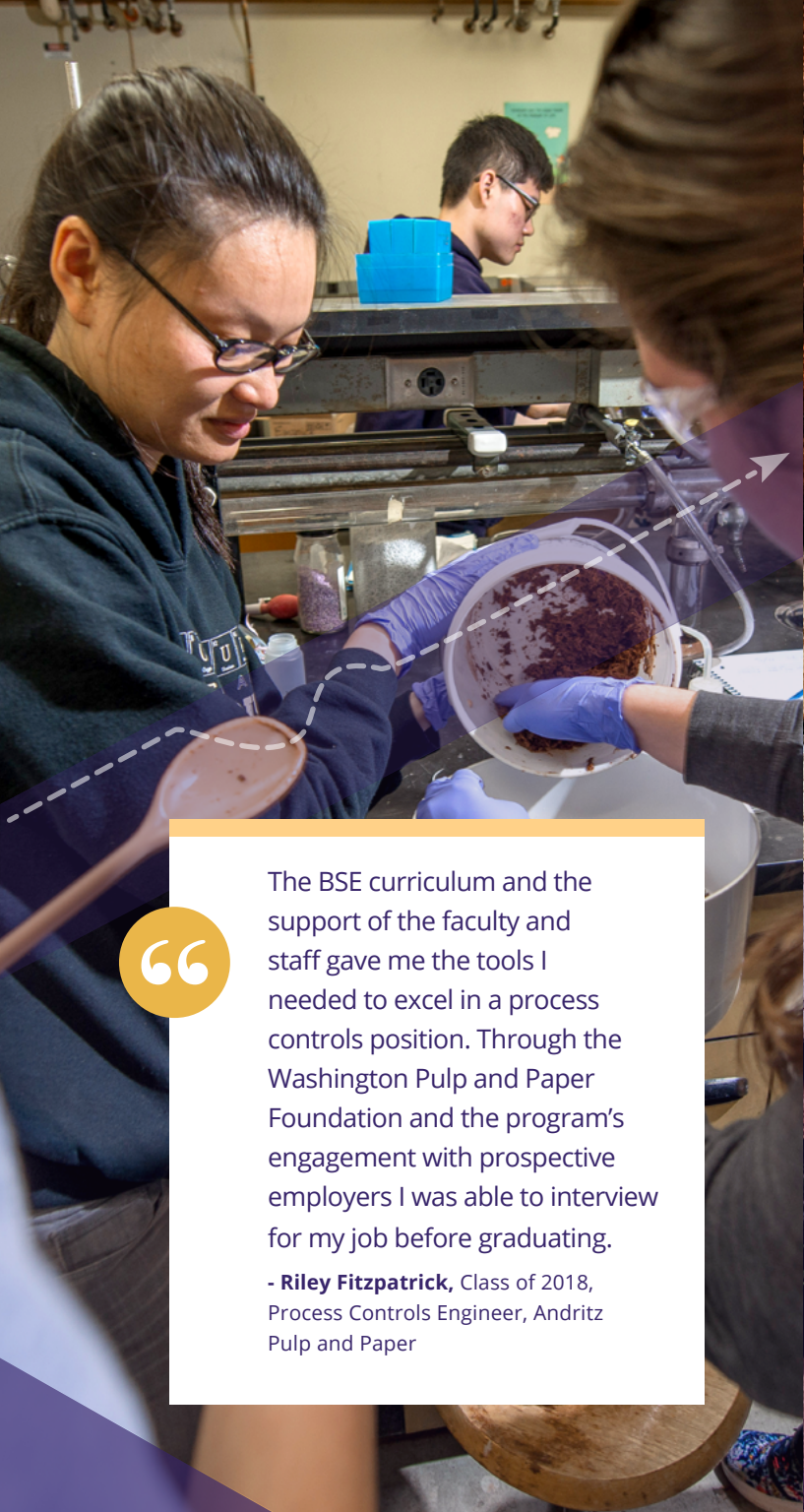
COLLEGE OF THE ENVIRONMENT
UNIVERSITY of WASHINGTON

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BACHELOR OF SCIENCE

BIORESOURCE SCIENCE AND ENGINEERING



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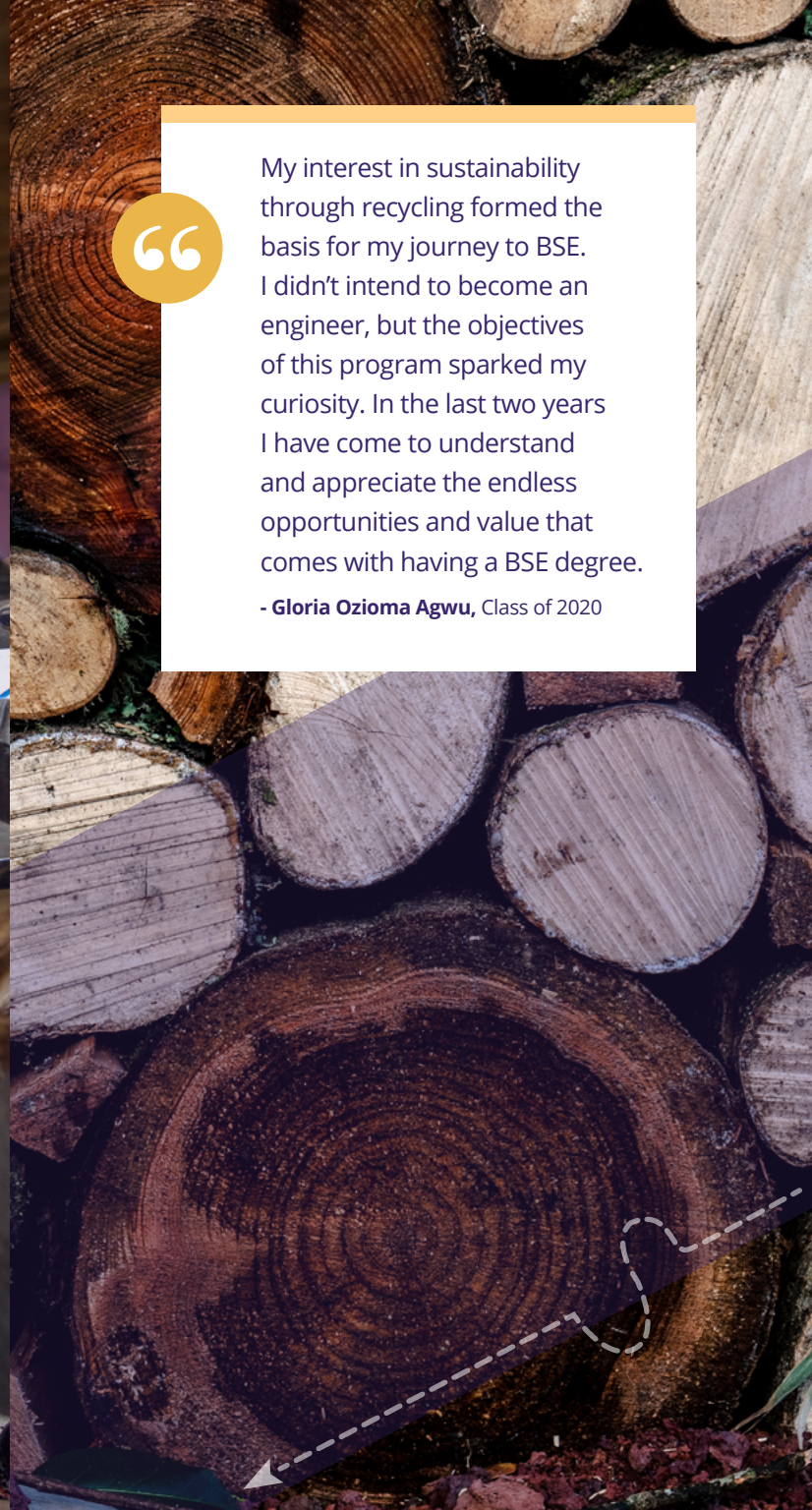
The BSE curriculum and the support of the faculty and staff gave me the tools I needed to excel in a process controls position. Through the Washington Pulp and Paper Foundation and the program's engagement with prospective employers I was able to interview for my job before graduating.

- **Riley Fitzpatrick**, Class of 2018,
Process Controls Engineer, Andritz
Pulp and Paper

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My interest in sustainability through recycling formed the basis for my journey to BSE. I didn't intend to become an engineer, but the objectives of this program sparked my curiosity. In the last two years I have come to understand and appreciate the endless opportunities and value that comes with having a BSE degree.

- **Gloria Ozioma Agwu**, Class of 2020



In the only program of its kind in the western U.S. to link chemistry and engineering to bio-sustainability, Bioresource Science and Engineering (BSE) students learn to create and innovate sustainable and renewable materials, from paper to biofuels and batteries. BSE applies chemical engineering and materials science to design natural and fiber-based materials, creating environmentally sound systems for their production.

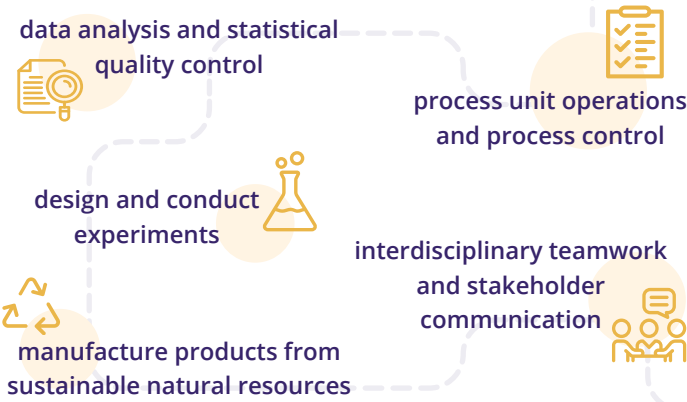
DEGREE: BS

Compatible with a fifth-year, double degree with Chemical Engineering.

With focus areas in:

- Business

GAIN CAREER READY SKILLS



100

100% job placement!

The BSE program is accredited by the Engineering Accreditation Commission of ABET.

HANDS-ON LEARNING

Produce fuels and chemicals from multiple biomass resources in the Biofuels and Bioproducts Lab.

Produce, finish and test paper and fiber products using industrial equipment in the Paper and Bioresource Science Lab.

GRADUATES' NEXT STEPS

With the department's job placement services, BSE students find rewarding positions after graduation—about half with primary manufacturers and about 40% with engineering firms or equipment and process providers. About 10% are directly admitted into highly competitive graduate school programs.

- ➔ Kenny Saari, Class of 2019
Process Engineer, Packaging Corporation of America
- ➔ Daniel Phung, Class of 2019
Chemical Engineer, International Paper
- ➔ Mazda Hutapea, Class of 2019
Environmental Engineer, Cascades Tissue Group
- ➔ Zoie Tisler, Class of 2018
Technical Sales Engineer, Solensis
- ➔ Michael Windrim, BSE 2016
Production Manager, Zeachem

SCHOLARSHIPS AND FUNDING

"The School of Environmental and Forest Sciences (SEFS) awards scholarships to selected incoming BSE students (sophomore and community college junior transfers). These scholarships transition to Washington Pulp and Paper Foundation (WPPF) scholarships for subsequent years depending on academic performance.



ACTION STEPS

BSE is a Capacity-Constrained Major — learn more at:

sefs.uw.edu/students/undergraduate/bse-major

We'd love to hear from you! Contact us with questions or to set up an appointment with our academic adviser:

sefsadv@uw.edu | 206-543-3077

We acknowledge that we are on the land of the Coast Salish peoples, land which touches the shared waters of all tribes and bands within the Suquamish, Tulalip and Muckleshoot nations.



SCHOOL OF ENVIRONMENTAL & FOREST SCIENCES

UNIVERSITY *of* WASHINGTON

College of the Environment