

BIORENEWABLE SYSTEMS, B.S.

Begin Campus: Any Penn State Campus

End Campus: University Park

Career Paths

The BioRenewable Systems major provides a broad background in applied sciences, engineering technology, systems analysis, and business management that can help you succeed in industry or a graduate degree program. With companies, stakeholders, and consumers invested in sustainable and efficient systems, career opportunities are diverse, and the demand for graduates is strong. According to the USDA, scientists, engineers, managers, sales representatives, and marketing specialists will account for 73 percent of the total annual U.S. employment openings for new college graduates with expertise in agricultural and food sciences in the early twenty-first century. Specific career paths vary by option.

Careers

Graduates find employment as technical consultants, quality assurance personnel, sustainability specialists, and sales and field representatives, in renewable bioproducts or related agricultural sectors such as: power and machinery systems, forest products, food production, bioprocessing, environmental systems, bioenergy, and co-product development.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES OF THE BIORENEWABLE SYSTEMS PROGRAM (<https://agsci.psu.edu/academics/undergraduate/majors/biorenewable-systems/>)

Opportunities for Graduate Studies

Graduates may continue their education in a graduate program with a science, engineering, or business orientation. The Department of Agricultural and Biological Engineering at Penn State offers M.S. and Ph.D. degrees in BioRenewable Systems.

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDY (<https://abe.psu.edu/graduate/brs/>)

Professional Resources

- American Society of Agricultural and Biological Engineers (<https://www.asabe.org>)