

# 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 science, technology, and business that can help you succeed in industry or a graduate degree program. Career opportunities for students are diverse, and the demand for graduates is expected to be very 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 may find jobs as market analysts, policy advocates, quality assurance managers, materials brokers, production-line supervisors, sales associates, educators, or technical service specialists within bioproducts or agricultural industries. These opportunities may be entrepreneurial, within small businesses, or with large food, agricultural, forest products, or industrial machinery firms. We expect our graduates to advance quickly in their fields. The success of our past graduates in related fields has created a continuing demand for future graduates. Recent annual starting salaries in these fields ranged from \$35,000 to \$60,000.

## Opportunities for Graduate Studies

As a BioRenewable Systems graduate, you may pursue an advanced degree in agricultural and biological engineering departments or related science, sustainability, or business disciplines.

## Professional Resources

- American Society of Agricultural and Biological Engineers (<http://www.asabe.org>)
- Society for Wood Science and Technology (<http://www.swst.org/wp/>)