

## About Auburn University

For 25 consecutive years, Auburn has been a fixture on *U.S. News & World Report's* list of the top 50 public universities in the country. Auburn's academic offerings are outstanding, and its students benefit tremendously from the academic and social support provided by the university. The university fosters a unique atmosphere and cultivates a connection between students and the campus community, a feeling that has been described as just like home for more than 160 years.

### A personal approach

SFWS students enjoy a low faculty-to-student ratio, and they are afforded numerous hands-on and experiential learning opportunities. In addition, students are supported by dedicated professional advisors and glean knowledge from world-class faculty members, who are committed to helping students build a solid foundation for a successful career.

### An industry authority

Our unique program includes faculty from diverse backgrounds of sustainability, packaging design, biomaterial product development, innovation, engineering, business, supply chain management, and leadership expertise. We work hard to provide instruction with a blend of industry, academic, and societal backgrounds to enrich the student for a 21st century program.

### Opportunities for financial aid

In addition to university-wide financial aid, SFWS offers several competitive scholarships to talented and motivated students. Historically, every SFWS student who qualifies and applies receives aid at some level.

MAKE AN IMPACT.  
CREATE A SUSTAINABLE FUTURE.

For more information, email  
[workingwithnature@auburn.edu](mailto:workingwithnature@auburn.edu).



SCHOOL OF FORESTRY  
AND WILDLIFE SCIENCES

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AUBURN UNIVERSITY

## Sustainable Biomaterials & Packaging

*Careers in Logistics and Development  
of Bio-based Products*



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## What is Sustainable Biomaterials and Packaging?

Environmental concerns and evolving technologies are shifting companies toward the use of sustainable forest biomaterial for virtually everything—from packaging, cosmetics, and automobiles to appliances, pharmaceuticals, and commercial construction. Professionals with expertise in biomass production and operational logistics, conversion processes of products and packaging, and product development, sustainability, and business are highly sought-after in the marketplace.

## In-demand careers for tomorrow's economy

Bio-based industries, such as wood processing, construction, chemicals and energy, bioplastics, and packaging, are projected to experience significant future economic growth. Auburn's sustainable biomaterials and packaging degree\*

program was developed in response to this industry demand, and will provide students with the knowledge, hands-on experience, and skills necessary for success in a wide array of in-demand careers in the field, including:

- Biomaterials research
- Supply chain management
- Distribution and logistics
- Packaging manufacturing
- Product development and marketing



## Earn a degree from an industry leader

The forest production and processing industry is a boon to Alabama, contributing nearly \$21 billion to the state's economy. It positions the state as a leader in the development of a sustainable bio-based economy that includes wood processing, construction, chemicals and energy, bioplastics, and packaging.

One of the few programs of its kind in the Southeast, the sustainable and biomaterials packaging major courses are taught collaboratively by world-renowned faculty from SFWS and the university's Colleges of Agriculture, Engineering, Business, and Architecture, Design and Construction. The interdisciplinary curriculum prepares students for careers in the emerging bio-based industry, one that increasingly seeks more sustainable and economical alternatives to a petroleum-based market.

Graduates of this innovative program are uniquely prepared and qualified for successful and rewarding careers contributing to the development and production of cost-effective sustainable solutions to global environmental problems.



## Fueling the emerging bio-based economy



### BIOMASS PRODUCTION AND LOGISTICS

Graduates are well positioned for careers in nursery production, feedstock quality, timber harvesting, transportation, distribution and logistics, and supply chain management.

### PROCESSES, PRODUCTS, AND PACKAGING

Graduates are prepared to lead in positions concerning the efficient utilization of renewable sources and traditional forest products development, such as pulp and paper, packaging, adhesives, and wood composite materials, as well as bioenergy and bio-based polymers.



### PRODUCT DEVELOPMENT, BUSINESS, AND MARKETING

Our graduates will develop new bio-based products and uses for and sourcing of recycled materials, as well as essential marketing and business strategies to increase the marketplace demand and competitiveness of bio-based materials.

