

**WHAT CAN I DO WITH A MAJOR IN:
BIO-BASED PRODUCTS ENGINEERING**

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What Activities Could Bio-based Products Engineering Majors Do?

Bio-based product engineers apply the principles of engineering, chemistry, and biology, and select the appropriate renewable resources – wood, agricultural residues, fiber crops and other biomass – to produce a wide range of “green” materials, including wood products, paper, chemicals, industrial feedstocks, plastics, building materials, and energy.

Bio-based products engineers also develop energy-efficient, environmentally friendly processes for manufacturing these products and methods for effective end-use applications. They consider the ethical and safety issues surrounding bio-based products as well as their economic and environmental impacts. With the bio-economy taking flight, the future is bright for bio-based products engineers with career opportunities in wide ranging conventional and emerging bio-products industries.

What Industries Could I Explore as a Bio-based Products Engineering Major?

Alternative Energy	Law	Pulp & Paper Products	Research
Building Products/Materials	Government	Public Health	Wood Products
Ecology/Environmental Research	Manufacturing	Renewable Plastics	Marketing
Higher Education			

What Employers Hire Bio-based Products Engineering Majors?

3M	Cargill Dow LLC	Hercules	Potlatch Corporation
Andersen Windows	CIBA Specialty Chemicals	Domtar	Stora Enso
Appleton Papers	International Paper Corporation	Dow Chemical	Tenneco Corporation
BASF	James Hardie Building Products	Liberty Paper	Voith
Boise Cascade Corporation	Oxygen for Thin Air Consulting Group	Dupont	H. B. Fuller
Buckman Laboratories	Georgia Pacific Corporation	Mead-Westvaco	
Cargill	Weyerhaeuser Corporation	National Starch	

What Are Some Full-Time Job Titles For Bio-based Products Engineering Majors?

Process Engineer	Project Engineer	Technical Service Manager	Production Manager
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What Are Some Websites for Bio-based Products Engineering Majors?

Biomass Research and Development Initiative	www.brdisolutions.com
New Uses Council	www.newuses.org
Pulp and Paper	www.pulpandpaper.net
U.S. Department of Energy, BioMass Program	www1.eere.energy.gov/biomass