



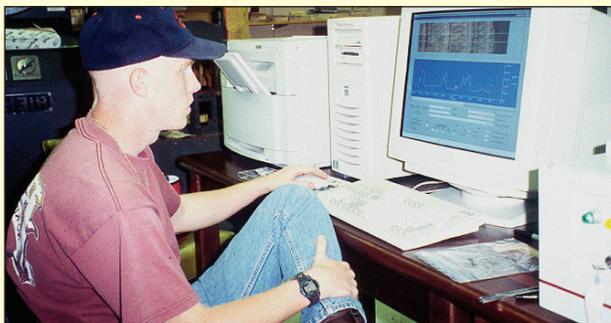
SCHOLARSHIPS AND INTERNSHIPS AVAILABLE

Because of the high demand for graduates with wood science and technology training, numerous scholarships and internships are available.

JOB OPPORTUNITIES

The worldwide demand for wood scientists and technologists far exceeds the present supply. In the United States, average starting salaries are on par with those of similar technical professions, beginning at \$32,000 to \$42,000 or more per year. Salaries increase rapidly with experience and additional training. Some graduates have doubled their salaries in five years.

Depending on personal interests, graduates find a wide array of positions ranging from basic research, to applied research in wood products, to managerial positions in manufacturing and process control, to marketing and sales, to international business and management.

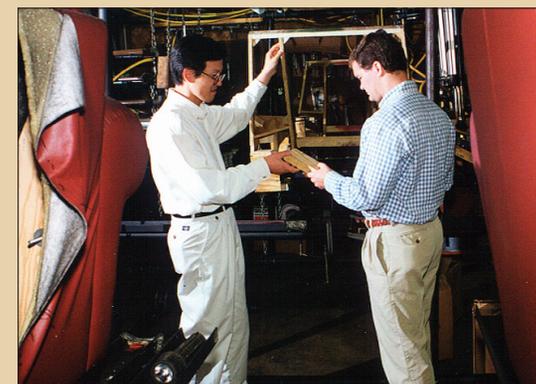


TYPICAL JOB TITLES

- Market Analyst
- Manufacturing Engineer
- Purchasing Manager
- Wood Products Specialist
- Truss Designer
- Project Manager, R&D
- Technical Field Representative
- Quality Assurance Supervisor
- Sales Manager
- Research Scientist
- Rough Mill Supervisor
- Product Engineer
- Environmental Engineer
- Production Superintendent
- Process Improvement Manager
- Chemist
- Plant Manager
- International Sales Representative



Career Opportunities in APPLIED SCIENCE AND ENGINEERING



FOR MORE INFORMATION

If you are interested in more information about academic opportunities and career options, please contact:

Society of Wood Science and Technology
One Gifford Pinchot Drive
Madison, WI 53726-2398
<http://www.swst.org>

SOCIETY OF
WOOD **SWST**
SCIENCE AND TECHNOLOGY



CONSERVING FORESTS AND PROVIDING ENVIRONMENTALLY FRIENDLY PRODUCTS

Wood is an important renewable natural resource that every person in the United States uses every day, in many ways that go unnoticed. Each year our nation's 280 million citizens uses the equivalent of a 100-foot tall tree with an 18-inch trunk. The trees that supply our need for wood come from America's forests, as well as from overseas. Meeting the demand for wood and maintaining healthy viable forests for recreation, wildlife habitat, and clean air and water is the greatest challenge facing professionals in the field of wood science and technology.

WOOD IN OUR EVERYDAY LIVES

Wood is our most important industrial raw material. In fact, more American companies produce more wood products by weight each year than the tonnage of all plastics, metals, and cement combined. More than 5,000 different products are made from wood including: framing, sheathing, siding, windows, doors, flooring, wall paneling and trim for houses; furniture and cabinets; molded door panels and roof liners for automobiles; fuel for heating; paper and packaging; chemicals used in photographic film, rayon, turpentine, and plastics; and as additives in food, cosmetics, paints, and adhesive. Wood in all forms is indispensable in our everyday lives.



THE FIELD OF WOOD SCIENCE AND TECHNOLOGY

Wood science is the study of the anatomical, physical, chemical, and mechanical properties of wood. Wood technology is the application of these scientific principles to the manufacture, use and in-service performance of wood products. Wood Science and Technology is an interdisciplinary field offering career opportunities for students interested in a variety of science fields—materials science, engineering, chemistry, biology, economics, management science, and marketing. Applications include manufacturing, research and development, engineering, new product development, environmental science and engineering, sales and marketing. Bachelors, Master's, and Ph.D. programs in wood science and technology are offered at numerous universities throughout the United States including:

- Mississippi State University
- North Carolina State University
- Oregon State University



- Pennsylvania State University
- University of Idaho
- University of Maine
- University of Minnesota
- Virginia Polytechnic Institute and State University
- West Virginia University



APPLYING SCIENCE AND TECHNOLOGY TO MEET OUR NEEDS

Wood scientists convert trees to useful wood products and recycle wood products to extend the use of this valued resource. New technologies producing engineered wood products allow us to utilize virtually all the tree and to use trees that formerly had no commercial value. Combinations of wood and plastic allow us to recycle wood products into wood and plastic composites used for decks and fences. New technologies also allow us to recycle mixed paper waste into new paper products providing more than 40% of our pulp needs. All of these innovations are the creations of wood scientists and technologists applying science and engineering to extend our natural resources.