

Sustainable Bioproducts

Department Head and Graduate Coordinator: Dr. Rubin Shmulsky

201 Locksley Way
Box 9820
Mississippi State, MS 39762-9820
Telephone: 662-325-2116
E-mail: rs26@msstate.edu

The Sustainable Bioproducts field is concerned with extending our knowledge of wood as a material and applying this knowledge to the manufacture of useful products. It requires knowledge of the chemical, physical, botanical, and engineering sciences and how they impinge on wood.

Graduate study in the Department of Sustainable Bioproducts leads to

- the Master of Science in Forest Products, thesis option, and
- Master of Science in Forest Products, non-thesis option, or
- Doctor of Philosophy in Forest Resources with a concentration in Forest Products.

Major areas of study include composite wood products, environmental biotechnology, wood preservation, business and production systems, wood chemistry, and furniture. Research assistantships are available for Ph.D. students and for M.S. students in the thesis option. For additional information, write to the Departmental Graduate Coordinator.

Admission

An applicant to the program is not required to have the GRE or GMAT test scores unless his/her grade point average is below 3.00. An international applicant is required to have a TOEFL score of 550 PBT (213 CBT or 79 iBT) or IELTS score of 6.5 or better in order to be considered. Interviews, certifications, etc. are not applicable.

Provisional Admission

A provisional student must receive a 3.00 GPA on the first 9 hours of graduate level courses on his or her program of study taken at Mississippi State University (courses with an S grade, transfer credits, or credits earned while in Unclassified status cannot be used to satisfy this requirement) in order to achieve regular status. If a 3.00 is not attained, the provisional student may be dismissed from graduate study. While in the provisional status, a student is not eligible to hold a graduate assistantship.

Academic Performance

Department of Forest Products will accept a C grade; however, the student's overall GPA must be 3.00 or above.

The M.S. thesis-option program requires 24 hours of coursework, 6 hours of thesis research/thesis, and a comprehensive examination. The M.S. non-thesis option program requires 27 hours of coursework, 3 hours of independent study, and a comprehensive examination. The Ph.D. program may entail approximately 60 hours of course and research work, a written preliminary examination, an oral examination, and a dissertation.

Master of Science in Forest Products - Thesis

Graduate-level coursework		12
8000-level coursework		12
FP 8000	Thesis Research/Thesis in Forest Products	6
Total Hours		30

A comprehensive examination is required. The M.S. student is encouraged to present one professional paper to a referred journal.

Master of Science in Forest Products - Non-Thesis

Graduate-level coursework		15
8000-level coursework		12
FP 7000	Directed Individual Study in Forest Products	3
Total Hours		30

A comprehensive examination is required.

Doctor of Philosophy in Forest Products

The Ph.D. program requires approximately 60 hours of course and research work, a written preliminary examination, an oral examination, and a dissertation. In lieu of the foreign language requirement, the Ph.D. candidate is required to take 6 hours of research skill courses from the departmental list. The Ph.D. student is encouraged to submit two professional papers to referred journals. The student must meet all the necessary guidelines to complete thesis/dissertation requirements set by the department, college, and the University in order to graduate. Types of qualifying and exit examinations are required by the department (doctoral preliminary).