

WOOD SCIENCE GRADUATE MAJOR (MS, PHD, MAIS)

Graduate Areas of Concentration

Biodeterioration and materials protection, chemistry and chemical processing, forest products business and marketing, physics and moisture relations, process modeling and analysis, renewable materials science and engineered composites, wood anatomy and quality, wood engineering and mechanics

The Department of Wood Science and Engineering offers graduate programs leading toward the Master of Science and Doctor of Philosophy degrees in Wood Science. Thesis research and academic programs can be developed in the many special disciplines represented by the faculty. Minors are most commonly selected from statistics, engineering, chemistry, or business.

Many students pursue a dual major degree in wood science and a field of engineering or science. A wide variety of science, engineering and business opportunities are available.

Graduate students in wood science come from a wide range of undergraduate degree programs in science, engineering, and business.

Excellent laboratories are available for teaching and research in Richardson Hall, Peavy Hall, and the Oak Creek Laboratory. Student research involves seeking solutions to current problems in renewable materials science, other sciences such as chemistry, physics and biology, engineering, business or related fields. Most graduate students are employed as part-time graduate research assistants.

Graduates with advanced degrees find employment in research and development, management or technical positions in the private sector, as university faculty or in technical public service positions.

MS in Wood Science

Code	Title	Hours
Required		
WSE 503	THESIS	6-12
WSE 507	SEMINAR (Section 1 Required to be taken during 1st year)	1
WSE 507	SEMINAR (Section 2)	1
WSE 520	THE GLOBAL CONTEXT OF THE FOREST SECTOR	3
WSE 521	WOOD SCIENCE I	4
WSE 522	WOOD SCIENCE II	4
Select a minimum of 15 credits of integrated minor course work or outside minor course work ¹		15
Additional approved courses ²		6-8
Total Hours		40-48

¹ Course work to be determined by your committee at program of study meeting.

² Approved courses include all 500- and 600-level courses in Wood Science and Engineering.

PhD in Wood Science

Code	Title	Hours
Required		
WSE 520	THE GLOBAL CONTEXT OF THE FOREST SECTOR	3
WSE 521	WOOD SCIENCE I	4
WSE 522	WOOD SCIENCE II	4
WSE 603	THESIS	36
WSE 607	SEMINAR (Section 1 Required to be taken during 1st year)	1
WSE 607	SEMINAR (Section 2 To be taken twice)	2
Select a minimum of 18 credits of integrated minor course work or outside minor course work ¹		18
Additional approved courses ²		40
Total Hours		108

¹ Course work to be determined by your committee at program of study meeting

² Approved courses include all 500- and 600-level courses in Wood Science and Engineering

Major Code: 3690