Sustainable Materials and Technology (Minor)

The Department of Forest Biomaterials (FB) offers a minor in Sustainable Materials and Technology (SMT) to all undergraduates enrolled in the University as degree candidates except those in FB. The minor will provide students with a basic understanding of sustainability as applied to materials (e.g., wood, agricultural products, etc.) and the manufacturing processes that are used to convert them into a multitude of different products.

Admission and Certification of Minor

In both instances, students should contact the minor advisor, Dr. Ilona Peszlen. To be admitted to the program, a student must have a GPA of at least 2.0. Application for admission to any University minor program is now available via MyPack Portal. Admission will be based upon the student's academic record, and in most cases no longer requires departmental review. Go to Add a Minor (https://studentservices.ncsu.edu/your-degree/coda-home/add-a-minor/) to apply.

Contact Person

Dr. Ilona Peszlen
1022K Biltmore Hall
919.515.1265
Ilona_Peszlen@ncsu.edu (perry_peralta@ncsu.edu)

SIS Code: 15SMTM

Plan Requirements

- A minimum of 15 hours is required for completion of the minor, and the minor should be completed no later than the semester in which the student expects to graduate from his/her degree program.
- 3 courses are required as indicated below, other courses are elective.
- An overall GPA of 2.0 in the minor coursework must be achieved.

Code	Title	Hours
Required Courses		**8**
SMT 201	Sustainable Materials for Green Housing	
SMT 310	Introduction to Industrial Ecology	
PSE 476	Environmental Life Cycle Analysis	
Elective Courses		**7**
SMT 232	Recycling to Create a Sustainable Environment	
ET 203	Pollution Prevention	
ET 303	Laboratory Safety Systems and Management	
FOR 248	Forest History, Technology and Society	
PSE 425	Bioenergy & Biomaterials Engineering	
PRT 250	Facilities Management in Parks, Recreation, Tourism and Event Management	
PRT 451	Principles of Recreation Planning and Facility Development	
Total Hours		**15**