

COLLEGE OF NATURAL RESOURCES AND ENVIRONMENT
Department of Sustainable Biomaterials
Minor in Sustainable Biomaterials
For student date of entry under UG Catalog 2023-2024

Minimum credit hours required for completion of minor is 18 with at least 9 at the 3000 or 4000 level as follows:

REQUIRED COURSES – 6 credit hours

- _____ SBIO 1234 Introduction to Wood, Design and Craftsmanship (3)
- _____ SBIO 2124 Structure and Properties of Sustainable Biomaterials (3) (Pre: BIOL 1105, CHEM 1035)

ELECTIVE COURSES – 12 credit hours (at least 9 credit hours at 3000 or 4000 level)

- _____ SBIO 2614 Introduction to Forest Products Marketing (3)
- _____ SBIO 2784 Global Forest Sustainability (3)
- _____ SBIO 3004 Sustainable Nature-based Enterprise (3)
- _____ SBIO 3314 Mechanics of Sustainable Biomaterials & Packaging (4) (Pre: PHYS 2205, MATH 1016)
- _____ SBIO 3324 Green Building Systems (3)
- _____ SBIO 3434 Chemistry and Conversion of Sustainable Biomaterials (3) (CHEM 1036)
- _____ SBIO 3444 Sustainable Biomaterials and Bioenergy (3) (Pre: (CHEM 2514 or CHEM 2535), (CHEM 3615 or CHEM 4615)
- _____ SBIO 3454 Society, Sustainable Biomaterials, and Energy (3)
- _____ SBIO 3464 Forest Products Business Systems (3) (Pre: SBIO 2614)
- _____ SBIO 3524 Manufacture of Sustainable Biomaterials for Structures (3)
- _____ SBIO 3554 Sustainable Biomaterials Enterprises (3) (Pre: SBIO 1234)
- _____ SBIO 4314 Design of Wood Structures (3) (Pre: SBIO 3314 or CEE 3404)
- _____ SBIO 4444 Plant Polymers and Biocomposites (3) (Pre: CHEM 2514 or 2536)
- _____ SBIO 4714 Performance of Sustainable Biomaterials in Buildings (3) (Pre: 2124)

All courses must be taken on the letter grade (A/F) option and a minimum GPA of 2.00 is required for all courses taken in the minor. Some courses required for this minor have prerequisites. Please refer to Undergraduate Course Catalog or consult your advisor for information about prerequisite requirements.