

# RENEWABLE MATERIALS MINOR

The minor in Renewable Materials exposes students to the world of renewable materials science and technology and will enable students in other majors to gain a specialization that will make them more competitive for careers associated with green materials and allied industries.

## Minor Code: 238

Students must complete a minimum of 27 credits for the minor, at least 12 of which must be upper division.

Code	Title	Credits
<b>Required Core</b>		
CH 122	*GENERAL CHEMISTRY	5
WSE 210	RENEWABLE MATERIALS TECHNOLOGY AND UTILIZATION	4
WSE 321	CHEMISTRY OF RENEWABLE MATERIALS	3
WSE 322	PHYSICAL AND MECHANICAL PROPERTIES OF RENEWABLE MATERIALS	4
Select a minimum of 11 credits from the following:		11
FOR 111	INTRODUCTION TO FORESTRY	
WSE 211	WOODTURNING WITH SCIENCE I	
WSE 225	DEVELOPMENTS OF BUILDING DESIGN WITH RENEWABLE MATERIALS	
WSE 250	CAD: COMPUTER AIDED DESIGN	
WSE 266	*INDUSTRIAL HEMP	
WSE 320	ANATOMY OF RENEWABLE MATERIALS	
WSE 324	RENEWABLE MATERIALS LABORATORY	
WSE 350	WOODWORKING FOR ART AND DESIGN	
WSE 351	ADVANCED CAD: COMPUTER AIDED DESIGN	
WSE 352	CAM FOR THE CNC ROUTER AND LASER ENGRAVER	
WSE 385	*EVALUATING SUSTAINABILITY THROUGH LIFE CYCLE ANALYSIS	
WSE 392	*BAMBOOLOOZA: THE FASCINATING WORLD OF BAMBOO	
WSE 413	WOODTURNING WITH SCIENCE II	
WSE 425	TIMBER TECTONICS IN THE DIGITAL AGE	
WSE 450	ENTREPRENEURIAL PRODUCT DEVELOPMENT I	
WSE 451	ENTREPRENEURIAL PRODUCT DEVELOPMENT II	
WSE 453	*FOREST PRODUCTS BUSINESS	
WSE 455	INDUSTRIAL MARKETING IN THE FOREST SECTOR	
WSE 458	DESIGN OF WOOD STRUCTURES	
WSE 461	BIO-BASED PRODUCTS MANUFACTURING	
WSE 462	ADVANCED MANUFACTURING 1	
WSE 465	RENEWABLE MATERIALS MANUFACTURING EXPERIENCE	
WSE 470	*FORESTS, WOOD, AND CIVILIZATION	
WSE 471	RENEWABLE MATERIALS IN BUILDING CONSTRUCTION	
WSE 473	BIOENERGY AND ENVIRONMENTAL IMPACT	
Total Credits		27

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Baccalaureate Core Course (BCC)

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Writing Intensive Course (WIC)

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