

Forest Biomaterials (PhD)

Degree Requirements

Code	Title	Hours
Required Courses		12
FB 701	PhD Research Methods in Forest Biomaterials	
FB 801	Doctoral Seminar	
Select three of the following courses:		
FB 516	Forest Products Colloids & Surfaces	
FB 565	Forest Biomaterials Physics	
FB 723	Forest Biomaterials Chemistry	
FB 760	Engineering Unit Operations for Biomass Conversion	
Elective Courses		15
FB 510	Strategic Business Processes for the Forest Products Industry	
FB 522	Chemical Principles for the Papermaking Process Engineer	
FB 527	Wet-End and Colloidal Chemistry	
FB 576	Environmental Life Cycle Analysis	
FB 580	The Sustainable Bioeconomy	
Additional Courses		55
"Additional Courses" are approved in conjunction with the academic committee to meet 72 total hours		
Total Hours		82

Faculty

Full Professors

Dimitris S. Argyropoulos
 Marko Hakovirta
 Martin A. Hubbe
 Hasan Jameel
 Stephen S. Kelley
 Melissa Pasquinelli
 David C. Tilotta
 Richard A. Venditti

Associate Professors

Lucian A. Lucia
 Philip H. Mitchell
 Lokendra Pal
 Sunkyu Park
 Joel Justin Pawlak

Perry N. Peralta
 Ilona Maria Peszlen
 Daniel Erique Saloni

Assistant Professors

Ronalds Wilfredo Gonzalez
 Paul Frederik Laleicke
 Nathalie Marie Lavoine
 Yuan Yao

Practice/Research/Teaching Professors

Medwick V. Byrd

Emeritus Faculty

Hou-Min Chang
 Ellis B. Cowling
 Earl L. Deal
 Eric L. Ellwood
 Edward T. Funkhouser
 Irving S. Goldstein
 John A. Heitmann Jr.
 Larry G. Jahn
 Magret Joyce
 Adrianna G. Kirkman
 Michael J. Kocurek
 Ronald G. Pearson
 Richard J. Thomas
 Elisabeth A. Wheeler

Adjunct Faculty

Sujit Banerjee
 Jesse Daystar
 Richard Phillips