

Forest Biomaterials (PhD)

Degree Requirements

Code	Title	Hours
Required Courses		13
FB 701	PhD Research Methods in Forest Biomaterials	
FB 801	Doctoral Seminar (students must take the seminar course twice)	
Select three of the following courses: ¹		
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		44
"Additional Courses" are approved in conjunction with the academic committee to meet 72 total hours		
Total Hours		72

¹ Students may choose two courses from the elective list and another graduate level class approved by the students advisory committee

Faculty

Professor

Jingxin Wang

Assistant Professor

Kai Lan

Dimitris S. Argyropoulos

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Lucian A. Lucia

Philip H. Mitchell

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Perry N. Peralta

Ilona Maria Peszlen

Daniel Erique Saloni

Ronalds Wilfredo Gonzalez

Paul Frederik Laleicke

Nathalie Marie Lavoine

Yuan Yao

Medwick V. Byrd

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Hou-Min Chang

Adrianna G. Kirkman

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Adjunct Professor

David Morgan