

# Forest Biomaterials (PhD)

## Degree Requirements

Code	Title	Hours	Counts towards
<b>Required Courses</b>		<b>12</b>	
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		
<b>Elective Courses</b>		<b>15</b>	
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		
<b>Additional Courses</b>		<b>55</b>	
"Additional Courses" are approved in conjunction with the academic committee to meet 72 total hours			
<b>Total Hours</b>		<b>82</b>	

## Faculty

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