Forest Biomaterials (PhD)

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tr>
<td>FB 701</td>
<td>PhD Research Methods in Forest Biomaterials</td>
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<tr>
<td>FB 801</td>
<td>Doctoral Seminar</td>
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<td>FB 516</td>
<td>Forest Products Colloids &amp; Surfaces</td>
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<td>FB 565</td>
<td>Forest Biomaterials Physics</td>
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<td>FB 723</td>
<td>Forest Biomaterials Chemistry</td>
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<td>FB 760</td>
<td>Engineering Unit Operations for Biomass Conversion</td>
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Select three of the following courses:

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<tr>
<td>FB 510</td>
<td>Strategic Business Processes for the Forest Products Industry</td>
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<td>FB 522</td>
<td>Chemical Principles for the Papermaking Process Engineer</td>
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<td>FB 527</td>
<td>Wet-End and Colloidal Chemistry</td>
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<td>FB 576</td>
<td>Environmental Life Cycle Analysis</td>
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<td>FB 580</td>
<td>The Sustainable Bioeconomy</td>
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Additional Courses 55

"Additional Courses" are approved in conjunction with the academic committee to meet 72 total hours

Total Hours 82

Faculty

Dimitris S. Argyropoulos

Marko Hakovirta

Martin A. Hubbe
Hasan Jameel
Stephen S. Kelley
Melissa Pasquinelli
David C. Tilotta
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Sunkyu Park
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Ilona Maria Peszlen
Leah C. Rathbun
Daniel Erique Saloni
Ronalds Wilfredo Gonzalez
Paul Frederik Lateicke
Nathalie Marie Lavoine
Yuan Yao
Medwick V. Byrd
Elizabeth Kierepka
Melissa Anne Pasquinelli
Rico Ruffino
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