Forest Biomaterials (PhD)

Degree Requirements

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

Faculty

Full Professors

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

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

Associate Professors

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

Perry N. Peralta
Ilona Maria Peszlen
Daniel Erique Saloni