## Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tr>
<td></td>
<td><strong>Required Courses</strong></td>
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<tr>
<td>FB 501</td>
<td>Masters Research Methods in Forest Biomaterials</td>
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<td>FB 601</td>
<td>Master's Seminar</td>
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<td>Select three of the following courses:</td>
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<tr>
<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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<td><strong>Elective Courses</strong></td>
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<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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<td></td>
<td><strong>Additional Course</strong></td>
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<td>&quot;Additional Course&quot; approved in conjunction with the academic committee to meet 30 total hours</td>
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<tr>
<td></td>
<td><strong>Total Hours</strong></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

### Associate Professors

- Lucian A. Lucia
- Philip H. Mitchell
- Lokendra Pal
- Sunkyu Park
- Joel Justin Pawlak
- Perry N. Peralta
- Ilona Maria Peszlen
- Leah C. Rathbun
- Daniel Erique Saloni

### Assistant Professors

- Ronalds Wilfredo Gonzalez
- Paul Frederik Laleicke
- Nathalie Marie Lavoine
- Yuan Yao

### Practice/Research/Teaching Professors

- Medwick V. Byrd
- Elizabeth Kierepka
- Rico Ruffino

### 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