# Forest Biomaterials (MS)

## Degree Requirements

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>FB 501</td>
<td>Masters Research Methods in Forest Biomaterials</td>
<td>12</td>
<td></td>
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<tr>
<td>FB 601</td>
<td>Master's Seminar</td>
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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                    |       |                |

### Elective Courses

| 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 Course

*"Additional Course" approved in conjunction with the academic committee to meet 30 total hours*

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### Total Hours

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<tr>
<th>Faculty</th>
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Dimitris S. Argyropoulos

Marko Hakovirta

Martin A. Hubbe

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Larry G. Jahn

Magret Joyce

Adrianna G. Kirkman

Michael J. Kocurek

Ronald G. Pearson

Richard J. Thomas