Wood Science and Technology, A.A.

Degree Offered

- Associate of Arts

Career Opportunities

Upon completion of the two-year program at Potomac State College, and ultimately a four-year program at another institution, students will find that employment opportunities are available in procurement, management, production, marketing, research and development with both primary and secondary wood product industries.

FACULTY

CHAIR

- Dr. Heidi B. Samuels - Ed.D. Educational Leadership
  Year @ PSC (2006)

PROFESSOR

- Jeff Jones - M.S.F. Forestry
  Year @ PSC (2003)

Admissions

Entering freshmen are admitted directly into the major.

General Education Foundations

Please use this link to view a list of courses that meet each GEF requirement. (http://registrar.wvu.edu/gef/)

NOTE: Some major requirements will fulfill specific GEF requirements. Please see the curriculum requirements listed below for details on which GEFs you will need to select.

General Education Foundations

<table>
<thead>
<tr>
<th>F1 - Composition &amp; Rhetoric</th>
<th>3-6</th>
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<tbody>
<tr>
<td>ENGL 101 &amp; ENGL 102</td>
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<tr>
<td>or ENGL 103</td>
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<tr>
<td>Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research Accelerated Academic Writing</td>
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| F2A/F2B - Science & Technology | 4-6 |
| F3 - Math & Quantitative Reasoning | 3-4 |
| F4 - Society & Connections | 3 |
| F5 - Human Inquiry & the Past | 3 |
| F6 - The Arts & Creativity | 3 |
| F7 - Global Studies & Diversity | 3 |
| F8 - Focus (may be satisfied by completion of a minor, double major, or dual degree) | 9 |

Total Hours 31-37

Please note that not all of the GEF courses are offered at all campuses. Students should consult with their advisor or academic department regarding the GEF course offerings available at their campus.

Curriculum Requirements

<table>
<thead>
<tr>
<th>GEF Elective Requirements (6 and 7)</th>
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<tbody>
<tr>
<td>ENGL 101 &amp; ENGL 102</td>
<td>6</td>
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<tr>
<td>MATH 124</td>
<td>3</td>
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<tr>
<td>MATH 150</td>
<td>3</td>
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<tr>
<td>ECON 201</td>
<td>3</td>
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<tr>
<td>STAT 211</td>
<td>3</td>
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<tr>
<td>Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research (GEF 1)</td>
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<td>Algebra with Applications (GEF 3)</td>
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<td>Applied Calculus</td>
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<td>Principles of Microeconomics (GEF 4)</td>
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<td>Elementary Statistical Inference (GEF 8)</td>
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BIOL 101 & 101L
General Biology 1 and General Biology 1 Laboratory (GEF 2)

Select one of the following: 4
- CHEM 115 & 115L Fundamentals of Chemistry 1 and Fundamentals of Chemistry 1 Laboratory (GEF 8)
- CHEM 111 & 111L Survey of Chemistry 1 and Survey of Chemistry 1 Laboratory
- PHYS 101 & 101L Introductory Physics 1 and Introductory Physics 1 Laboratory (GEF 8)
- AGEE 110 Microcomputer Applications in Agricultural Education
- FNRS 191 First-Year Seminar
- FNRS 100 Forest Resources in United States History
- FNRS 140 West Virginia's Natural Resources
- FNRS 203 Careers in Natural Resources Management 2
- FNRS 205 Dendrology & 205L and Dendrology Laboratory
- FNRS 212 & 212L Forest Ecology and Forest Ecology Laboratory
- FNRS 222 & 222L Forest Mensuration and Forest Mensuration Laboratory

Select one of the following: 3
- ARE 204 Agribusiness Management
- PLSC 206 Principles of Plant Science & 206L and Principles of Plant Science Laboratory

Total Hours 60

Suggested Plan of Study

First Year

Fall  Hours  Spring  Hours
ENGL 101 (GEF 1)  3  ENGL 102 (GEF 1)  3
MATH 124 (GEF 3)  3  MATH 150 (GEF 3)  3
BIOL 101 & 101L (GEF 2)  4  AGEE 110  3
FNRS 100 (GEF 5)  3  FNRS 140  3
FNRS 191  1  GEF 7  3

Total  14  15

Second Year

Fall  Hours  Spring  Hours
CHEM 115 & 115L  4  ECON 201 or ARE 204 (GEF 4)  3
ECON 201 or PLSC 206 (GEF 4)  3  STAT 211  3
PHYS 101 & 101L  4  FNRS 212 & 212L  3
FNRS 203  1  FNRS 222 & 222L  4
FNRS 205 & 205L  3  GEF 6 (LARC 212 Recommended)  3

Total  15  16

Total credit hours: 60
Major Learning Outcomes

WOOD SCIENCE AND TECHNOLOGY

1. The student will be able to solve mathematical problems that may include statistics, and accurately interpret information contained in graphs, tables, and diagrams appropriate to forestry.

2. The student will be able to distinguish and describe common tree species at the Family, Genus, and Species taxonomic levels.

3. The student will demonstrate the ability to effectively communicate with a variety of audiences, including professional and lay persons.

4. The student demonstrates professionalism and a strong work ethic.