

FOREST AND SUSTAINABLE PRODUCTS (B.S.)

The Forest and Sustainable Products degree program is designed to fill the growing demand for professionals in the manufacture, marketing, and utilization of sustainable natural materials fields. Interdisciplinary coursework and project-based learning opportunities lead to a variety of career directions, including procurement of timber and other renewable materials; production management, marketing and distribution of bio-based products; green building materials selection, construction and design; and bio-based energy production systems.

Required coursework includes the university requirements (see regulation J-3 (<https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees/>)) and:

| Code | Title | Hours |
|----------------------|--|-------|
| ACCT 482 | Enterprise Accounting | 3 |
| BIOL 102 & 102L | Biology and Society and Biology and Society Lab | 4 |
| BLAW 265 | Legal Environment of Business | 3 |
| CHEM 275 or CHEM 277 | Carbon Compounds Organic Chemistry I | 3 |
| COMM 101 or AGED 101 | Fundamentals of Oral Communication Verbal Communication in Agriculture, Food, and Natural Resources | 3 |
| ECON 202 or ECON 272 | Principles of Microeconomics Foundations of Economic Analysis | 3 |
| ENGL 313 or ENGL 317 | Business Writing Technical Writing II | 3 |
| FOR 221/WLF 220 | Principles of Ecology | 3 |
| NRS 235 | Society and Natural Resources | 3 |
| FSP 100 | Introduction to Forest and Sustainable Products | 2 |
| FSP 201 | Forest and Sustainable Products for a Green Planet | 3 |
| FSP 321 | Properties of Forest and Sustainable Products | 3 |
| FSP 401 | Undergraduate Research | 1 |
| FSP 425 | Forest Products Marketing | 3 |
| FSP 436 | Biocomposites | 3 |
| FSP 438 | Lignocellulosic Biomass Chemistry | 1 |
| FSP 444 | Primary Forest Products Manufacturing | 3 |
| FSP 450 | Biomaterials Deterioration and Protection | 3 |
| FSP 491 | Biomaterial Product and Process Development Lab | 2 |
| FSP 495 or MKTG 495 | Product Development and Brand Management Product Development and Brand Management | 3 |
| FSP 498 | Forest and Sustainable Products Internship | 1 |
| MATH 160 or MATH 170 | Survey of Calculus Calculus I | 4 |
| MKTG 321 | Marketing | 3 |
| NR 101 | Exploring Natural Resources | 2 |
| PHYS 111 & 111L | General Physics I and General Physics I Lab | 4 |
| STAT 251 | Statistical Methods | 3 |

Select one of the following: 4

| | | |
|-----------------|--|--|
| CHEM 101 & 101L | Introduction to Chemistry and Introduction to Chemistry Laboratory | |
| CHEM 111 & 111L | General Chemistry I and General Chemistry I Laboratory | |

Select one of the following: 3

| | | |
|----------|-------------------------------|--|
| MKTG 421 | Marketing Research & Analysis | |
| MKTG 424 | Pricing Strategy and Tactics | |
| MKTG 426 | Marketing Channels Management | |

Total Hours 79

Courses to total 120 credits for this degree

| Fall Term 1 | Hours | |
|--|---|---|
| COMM 101 or AGED 101 | Fundamentals of Oral Communication or Verbal Communication in Agriculture, Food, and Natural Resources | 3 |
| ENGL 101 | Writing and Rhetoric I | 3 |
| MATH 143 | College Algebra | 3 |
| NR 101 | Exploring Natural Resources | 2 |
| (CHEM 101 AND CHEM 101L) OR (CHEM 111 AND CHEM 111L) | | 4 |
| Hours 15 | | |
| Spring Term 1 | Hours | |
| BIOL 102 | Biology and Society | 3 |
| BIOL 102L | Biology and Society Lab | 1 |
| ENGL 102 | Writing and Rhetoric II | 3 |
| FSP 100 | Introduction to Forest and Sustainable Products | 2 |
| MATH 160 OR MATH 170 | | 4 |
| Elective Course | | 2 |
| Hours 15 | | |
| Fall Term 2 | Hours | |
| BLAW 265 | Legal Environment of Business | 3 |
| FSP 201 | Forest and Sustainable Products for a Green Planet | 3 |
| NRS 235 | Society and Natural Resources | 3 |
| PHYS 111 | General Physics I | 3 |
| PHYS 111L | General Physics I Lab | 1 |
| American Diversity Course | | 3 |
| Hours 16 | | |
| Spring Term 2 | Hours | |
| FOR 221 | Principles of Ecology | 3 |
| STAT 251 | Statistical Methods | 3 |
| CHEM 275 OR CHEM 277 | | 3 |
| Humanistic and Artistic Ways of Knowing Course | | 3 |
| Elective Course | | 3 |
| Hours 15 | | |
| Fall Term 3 | Hours | |
| FSP 321 | Properties of Forest and Sustainable Products | 3 |
| FSP 401 | Undergraduate Research | 1 |
| MKTG 321 | Marketing | 3 |
| ECON 202 OR ECON 272 | | 3 |
| ENGL 313 OR ENGL 317 | | 3 |
| International Course | | 3 |
| Hours 16 | | |
| Spring Term 3 | Hours | |
| FSP 498 | Forest and Sustainable Products Internship | 1 |
| MKTG 421 OR MKTG 424 OR MKTG 426 | | 3 |
| Humanistic and Artistic Ways of Knowing Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours 13 | | |

2 Forest and Sustainable Products (B.S.)

Fall Term 4

| | | |
|---------------------|---|-----------|
| FSP 425 | Forest Products Marketing | 3 |
| FSP 436 | Biocomposites | 3 |
| FSP 450 | Biomaterials Deterioration and Protection | 3 |
| FSP 495 OR MKTG 495 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |

Spring Term 4

| | | |
|--------------------|---|------------|
| ACCT 482 | Enterprise Accounting | 3 |
| FSP 438 | Lignocellulosic Biomass Chemistry | 1 |
| FSP 444 | Primary Forest Products Manufacturing | 3 |
| FSP 491 | Biomaterial Product and Process Development Lab | 2 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

The degree map is a guide for the timely completion of your curricular requirements. Your academic advisor or department may be contacted for assistance in interpreting this map. This map is not reflective of your academic history or transcript and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding your official degree/certificate completion status.

1. Graduates will have a sufficient academic background in forest products and allied disciplines for entry level employment within the renewable materials and allied industries or for transition to a graduate program.
2. Graduates will be able to work with teams and provide leadership to integrated groups of individuals focused toward a common goal.
3. Graduates will understand the quality assurance and quality control processes using ASTM standards when performing testing on renewable materials and products.