

# 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		
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		
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		
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		
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		
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

**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
<b>Hours</b>		<b>15</b>

**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
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

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.