

B.S. Sustainable Bioproducts – Bioproducts Business

This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.

First Year

Fall

Course	Prerequisite	Credit
FW1050 – Natural Resource Professional (<i>Essential Education: Seminar</i>)		2
BL1400 – Principles of Biology (<i>Essential Education: Science</i>)		3
BL1410 – Principles of Biology lab		1
MA1135 – Calculus for Life Sciences (<i>Essential Education: Math</i>)	MA1031 or MA1032 or placement	4
UN1015 – Composition (<i>Essential Education</i>)		3
Total		13

Spring

Course	Prerequisite	Credit
ACC2000 – Accounting Principles I		3
BUS1100 – Intro to Business		3
CH1150 – University Chemistry I (<i>Essential Education: STEM</i>)	MA1031 or higher or placement	3
CH1151 – University Chemistry I lab	CH1150 (C)	1
<i>Essential Education: Foundations of the Human World</i>		3
<i>Essential Education: Activities</i>		1
Total		14

Second Year

Fall

Course	Prerequisite	Credit
FW2030 – Conservation of Nature		2
MA2720 – Statistical Methods	MA1030 or higher or placement	4
PH1110 – College Physics I	MA1031 or higher or placement	3
PH1111 – College Physics I lab	PH1110 (C)	1
<i>Essential Education: SHAPE</i>		3
<i>Essential Education: Activities</i>		1
Total		14

Spring

Course	Prerequisite	Credit
FW1035 – Wood Anatomy		3
BUS2200 – Business Law		3
EC2001 – Principles of Economics	MA1135	3
<i>Essential Education: Arts & Culture</i>		3
<i>Essential Education: Communication Intensive</i>		3
<i>Essential Education: Activities</i>		1
Total		16

Third Year

Fall

Course	Prerequisite	Credit
FW3090 – Mechanics of Wood Materials		3
FW3097 – Forest Biomaterials		3
ENT3950 – Enterprise		1
Management Elective		3
Free Elective		3
<i>Essential Education: Intercultural Competency</i>		3
Total		16

Spring

Course	Prerequisite	Credit
FW2081 – Intro to Circular Economy		3
FW4080 – Forest Economics & Finance		3
ENT3960 – Enterprise		1
FIN3000 – Principles of Finance	ACC2000 and MA1135	3
Free Elective		3
<i>Essential Education: Experience</i>		3
Total		16

Fourth Year

Fall

Course	Prerequisite	Credit
FW3098 – Adding Value to Forest Biomaterials		2
FW4050 – Deterioration & Preservation of Biomaterials		3
ENT4900 – Senior Enterprise		2
HU3120 – Technical & Professional Communication		3
SS4313 – Sustainability Science		3
Free Elective		3
Total		16

Spring

Course	Prerequisite	Credit
ENT4910 – Senior Enterprise		2
MKT3000 – Principles of Marketing		3
OSM3000 – Operations & Supply Chain Mgmt		3
Internship Experience		2-4
Free Elective		3-5
Total		15

Grand Total = 120 Credits

Management Directed Electives (choose one)		
Course #	Course Title & Credits	Semester Offered / Prerequisites
ACC2100	Accounting Principles II (3)	Fall, Spring / Prereq: ACC2000
ACC3500	Managerial/Cost Accounting I (3)	Spring / Prereq: ACC2100
MGT2000	Team Dynamics and Decision Making (3)	Fall, Spring
MGT3100	Leadership Development (3)	Fall
MGT3800	Entrepreneurship (3)	Fall, Spring
MKT3600	Marketing Data Analysis (3)	Spring / Prereq: (MA2720 or BUS2100) and MKT3000
OSM3150	Intro to Supply Chain Management (3)	Fall / Prereq: OSM3000

Internship Experience (choose 2-4 credits)		
Course #	Course Title & Credits	Semester Offered / Prerequisites
FW4000 (must repeat for at least 2 credits total)	Professional Experience (1)	Must have an approved internship before enrolling; permission of instructor required
FW4840	Senior Research Thesis (4)	Permission of instructor required; Must be senior status
UN3002	Undergraduate Cooperative Education 1 (2)	Departmental permission required
Varies	Study Abroad (varies)	Requires prior approval from director

NOTE:

Prerequisite courses:

- The prerequisite course must be successfully completed PRIOR to taking the subsequent course. Concurrent Prerequisites ~ (C) ~ may be taken at the same time, although it is not necessary if the prerequisite course is completed first. Required Corequisite courses that MUST be taken together in the same semester. See your academic advisor for questions.

Essential Education Requirements:

- 24 total credits. Required courses are UN1015-Composition (3 credits), a Foundations in the Human World course (3 credits), a Communication Intensive course (3 credits), an Arts & Culture course (3 credits), an Intercultural Competency (3000+) course (3 credits), a SHAPE course (3 credits), an Essential Education Experience (3000+) course (3 credits), and 3 credits of Activities for Wellbeing and Success. Activities for Well-being and Success: Mainly physical education courses with some additions. Three credits are required for graduation. These credits will be included as earned hours and may be used to determine full-time enrollment status.

Enterprise:

- Students must participate in a minimum of four semesters of an Enterprise project and complete the course sequence including ENT3950, ENT3960, ENT4900, and ENT4910. See your academic advisor for questions.

Internship Experience:

- Students must participate in a professional experience such as an internship, cooperative education experience, study away experience, and/or a senior research thesis. See your academic advisor or program director for questions.