

Working with
Nature
for Society's
Well-Being

College of Forestry, Wildlife & Environment

2024 - 2025 · SUSTAINABLE BIOMATERIALS & PACKAGING CURRICULUM (BIOP)

FRESHMAN

FALL

ENGL	1100	English Composition I	3
BIOL	1020	Principles of Biology	3
BIOL	1021	Principles of Biology Lab	1
MATH	1130	Pre-Calculus Trig or Higher	3
INDD	1120	Industrial Design in Modern Society	3
CORE		History	3

TOTAL SEMESTER HOURS 16

SPRING

BIOP	2120	Frontiers of Sustainable Materials (M)	3
ENGL	1120	English Composition II	3
BIOL	1030	Organismal Biology	3
BIOL	1031	Organismal Biology Lab	1
STAT	2510	Stats for Biological & Health Sciences	3
CORE		History ¹ or Social Science	3

TOTAL SEMESTER HOURS 16

SOPHOMORE

FALL

CHEM	1030	Fundamental Chemistry I	3
CHEM	1031	Fundamental Chemistry I Laboratory	1
BIOP	2140	Fundamentals of Packaging Technology	3
ECON	2020	Principals of Microeconomics	3
ELEC	FREE	Free Elective	3
CORE		Literature	3

TOTAL SEMESTER HOURS 16

SPRING

CHEM	1040	Fundamental Chemistry II	3
CHEM	1041	Fundamental Chemistry II Laboratory	1
SUST	2000	Introduction to Sustainability	3
COMM	1000	Public Speaking	3
CORE		Literature ¹ or Humanities	3
CORE		Fine Arts	3

TOTAL SEMESTER HOURS 16

JUNIOR

FALL

BIOP	3390	Intro to Forest Products & Packaging (M)	3
BIOP	5070	Perf. & Durability of Products & Packaging	3
MKTG	3810	Foundations of Business Marketing	3
SCMN	2150	Ops: Management of Business Process	2
ELEC	FREE	Free Elective	1

MATL	2220	Materials & the Environment	1
	or	or	
	2230	Mineral Resources: Processes & Availability	

TOTAL SEMESTER HOURS 13

SPRING

BATM	2110	Digital Analytics in Agriculture & Technology	3
BIOP	5050	Biomass Processing Chemistry (M)	3
BIOP	4060	Economics of Bioproducts & Packaging (M)	3
BIOP	4080	Business Management for Products (M)	3
BIOP	4360	Sust. Biomaterials Trade & Marketing (M)	3

TOTAL SEMESTER HOURS 15

SENIOR

FALL

INSY	3020	Occupational Safety Ergonomics	3
BIOP	4400	Biomaterials Product Development I (M)	2
ENVD	2040	Design Invention & Society	3
ELEC	FREE	Free Elective	3
BIOP	5250	Wood Composites for Biomaterials & Pack. (M)	3

TOTAL SEMESTER HOURS 14

SPRING

BIOP	4410	Biomaterials Product Development II (M)	2
BIOP	4800	Biopolymers for Biomaterials & Packaging (M)	3
CSES	5400	Bioenergy & the Environment	3
MKTG	4340	Marketing & New Product Development	3
BIOP	4840	Life Cycle Assess. for Sustainable Biomat. (M)	3

TOTAL SEMESTER HOURS 14

Courses listed with (M) are major courses and must be completed with a cumulative GPA of 2.0 or better.

¹Student must complete a two-semester sequence in either History or Literature.

120 TOTAL SEMESTER HOURS

05/24

All information presented here is subject to change. Current information: https://bulletin.auburn.edu/undergraduate/schoolofforestryandwildlifesciences/forestryandwildlifescience/sustainablebiomaterialsandpackaging_major/

Name:

ID#:

