

Working with  
Nature  
for Society's  
Well-Being

# College of Forestry, Wildlife & Environment

## 2023 - 2024 · 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 <sup>1</sup>	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 <sup>1</sup> 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 <sup>1</sup>	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 <sup>1</sup> 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	
	or	or	1
	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
BIOP	4840	Life Cycle Assess. for Sustainable Biomat. (M)	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
ELEC	FREE	Free Elective	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.

<sup>1</sup>Student must complete a two-semester sequence in either History or Literature.

**120 TOTAL SEMESTER HOURS**

**05/23**

If planning a certificate, minor, additional major or second degree, please contact the student services office as early as possible at (334) 844-1001 for referral to the appropriate school or college within Auburn University, advising in prerequisites, checks for minimum GPA requirements, and course scheduling. *All information presented here is subject to change.* Current information: [https://bulletin.auburn.edu/undergraduate/schoolofforestryandwildlifesciences/forestryandwildlifescience/sustainablebiomaterialsandpackaging\\_major/](https://bulletin.auburn.edu/undergraduate/schoolofforestryandwildlifesciences/forestryandwildlifescience/sustainablebiomaterialsandpackaging_major/)

Name:

ID#:

