

Working with
Nature
for Society's
Well-Being

College of Forestry, Wildlife & Environment

2022 - 2023 · 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 |
| ELEC | FREE | Free Elective | 2 |
| TOTAL SEMESTER HOURS | | | 15 |

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 or Social Science ¹ | 3 |
| TOTAL SEMESTER HOURS | | | 16 |

SOPHOMORE

FALL

| | | | |
|-----------------------------|------|--------------------------------------|-----------|
| CHEM | 1030 | Fundamental Chemistry I | 3 |
| CHEM | 1031 | Fundamental Chemistry I Laboratory | 1 |
| CORE | | History ¹ | 3 |
| BIOP | 2140 | Fundamentals of Packaging Technology | 3 |
| ECON | 2020 | Principals of Microeconomics | 3 |
| CORE | | Literature ¹ | 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 |
| CORE | | Literature or Humanities ¹ | 3 |
| CORE | | Fine Arts | 3 |
| COMM | 1000 | Public Speaking | 3 |
| TOTAL SEMESTER HOURS | | | 16 |

JUNIOR

FALL

| | | | |
|-----------------------------|------|--|-----------|
| BIOP | 3390 | Intro to Forest Products & Packaging (M) | 3 |
| BIOP | 4070 | Performance & Durability of Products & Packaging (M) | 3 |
| MKTG | 3310 | Principles of Marketing | 3 |
| SCMN | 2150 | Ops: Management of Business Process | 2 |
| ELEC | FREE | Free Elective | 2 |
| MATL | 2220 | Materials & the Environment | 1 |
| | or | | |
| | or | | |
| | 2230 | Mineral Resources: Processes & Availability | |
| TOTAL SEMESTER HOURS | | | 14 |

SPRING

| | | | |
|-----------------------------|------|--|-----------|
| BATM | 2110 | Digital Analytics in Agriculture & Technology | 3 |
| BIOP | 4050 | Biomass Processing Chemistry (M) | 3 |
| BIOP | 4060 | Economics of Bioproducts & Packaging (M) | 3 |
| BIOP | 4080 | Business Management for Products (M) | 3 |
| BIOP | 4360 | Sustainable Biomaterials Trade & Marketing (M) | 3 |
| TOTAL SEMESTER HOURS | | | 15 |

SENIOR

FALL

| | | | |
|-----------------------------|------|--|-----------|
| BIOP | 4400 | Biomaterials Product Development I (M) | 2 |
| BIOP | 4840 | Life Cycle Assessment for Sustainable Biomaterials (M) | 3 |
| BIOP | 5250 | Wood Composites for Biomaterials & Packaging (M) | 3 |
| ENVD | 2040 | Design Invention & Society | 3 |
| INSY | 3020 | Occupational Safety Ergonomics | 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 |
| SCMN | 5720 | Quality & Process Improvement | 3 |
| MKTG | 4340 | Marketing & New Product Development | 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 sequence in either Literature or History.

120 TOTAL SEMESTER HOURS

01/22

Students planning a certificate, minor, additional major or second degree must contact the student services office as early as possible at (334) 844-1050 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. CFWE Student Services: PHONE (334) 844-1001, FAX (334) 844-8093. Current information: http://bulletin.auburn.edu/undergraduate/schoolofforestryandwildlifesciences/sustainablebiomaterialsandpackaging_major/

Name:

ID#: