

COLLEGE OF NATURAL RESOURCES AND ENVIRONMENT  
Department of Sustainable Biomaterials  
Bachelor of Science in Packaging Systems and Design  
Major in Packaging Systems and Design  
For students graduating in calendar year 2018

Name: \_\_\_\_\_ Student ID \_\_\_\_\_

Advisor: \_\_\_\_\_ Expected graduation: \_\_\_\_\_

Minimum hours for degree is 120. A minimum GPA of 2.0 is required for all work applied to the major.

Major Requirements

Packaging Systems and Design Core – 39/40 credit hours

- \_\_\_ SBIO 2004 CAD in Packaging (3)
- \_\_\_ SBIO 2104 Principles of Packaging (3)
- \_\_\_ SBIO 2114 Packaging Law and Regulation (3)
- \_\_\_ SBIO 2124 Structure and Properties of Sustainable Biomaterials (3) (Pre: BIOL 1005, CHEM 1035)
- \_\_\_ SBIO 3124 Paper and Paperboard Packaging (3) (Pre: 2104, 2124)
- \_\_\_ SBIO 3214 Food and Health Care Packaging (3) (Pre: 2104, 2384, 3284, 3124)
- \_\_\_ SBIO 3224 Packaging Distribution Systems (3) (Pre: 2104)
- \_\_\_ SBIO 3284 Packaging Polymers and Production (3) (Pre: 2104, 2124, 2384)
- \_\_\_ SBIO 3314 Wood Mechanics (4) or CHEM 2514 Survey of Organic Chemistry (3)
- \_\_\_ SBIO 3434 Chemistry and Conversion of Sustainable Biomaterials (3)
- \_\_\_ SBIO 4024 Packaging Design for Global Distribution (3) (Pre: 3224)
- \_\_\_ SBIO 4054 Packaging Systems Design Practicum (3)
- \_\_\_ SBIO 4224 Wood Pallet, Container & Unit Load Design (3)

Marketing – 3 credit hours

- \_\_\_ MKTG 3104 Marketing Management (3) (Junior standing is required)

Chemical and Physical Sciences – 6 credit hours

- \_\_\_ CHEM 1036 General Chemistry (3) (Pre: 1035 or 1055)
- \_\_\_ PHYS 2205 General Physics (3) (Pre: MATH 1025)

Statistics – 3 credit hours

- \_\_\_ STAT 2004 Introductory Statistics (3) (Pre: MATH 1014 or 1015)

Writing Skills – 3 credit hours

- \_\_\_ ENGL 3764 Technical Writing (3)

Free electives – 29/30 credit hours

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**APPROVED**  
COMMISSION ON UNDERGRADUATE  
STUDIES AND POLICIES

**Curriculum for Liberal Education Requirements – 36 credit hours**

**Area 1: Writing and Discourse (6 credit hours required)**

- ENGL 1105 First-Year Writing (3)
- ENGL 1106 First-Year Writing (3) (Pre: ENGL 1105)

**Area 2: Ideas, Cultural Traditions, and Values (6 credit hours required)**

- CLE Area 2 course: \_\_\_\_\_
- CLE Area 2 course: \_\_\_\_\_

**Area 3: Society and Human Behavior (6 credit hours required)**

- ECON 2005 Principles of Economics (3)
- ECON 2006 Principles of Economics (3) (Pre: ECON 2005 or 2116 or 2126 or 2025H)

**Area 4: Scientific Reasoning and Discovery (8 credit hours required)**

- BIOL 1105 Principles of Biology (3) (Co: BIOL 1115)
- BIOL 1115 Principles of Biology Laboratory (1) (Co: BIOL 1105)
- CHEM 1035 General Chemistry (3)
- CHEM 1045 General Chemistry Laboratory (1) (Co: CHEM 1035)

**Area 5: Quantitative and Symbolic Reasoning (6 credit hours required)**

- MATH 1025 Elementary Calculus (3)
- CLE Area 5 course: \_\_\_\_\_

**Area 6: Creativity and Aesthetic Experience (1 credit hour required)**

- CLE Area 6 course: \_\_\_\_\_

**Area 7: Critical Issues in a Global Context (3 credit hours required)**

- MKTG 4704 International Marketing (3) (Junior Standing. Pre: MKTG 3104 or 3104H)
- OR
- ISE 4304 Global Issues in Industrial Management (3)

**Satisfactory Progress**

By the end of the semester in which the student has attempted 60 hours (including transfer, advanced placement, advanced standing, and credit by examination), "satisfactory progress" towards a B.S. degree in the College of Natural Resources and Environment will include the following minimum criteria:

- Having a grade point average of at least 2.0
- Passing at least 24 semester credits that apply to the Curriculum for Liberal Education
- Passing the required 1000-level courses in Biology, Chemistry, English, and Math

**Foreign Language Requirement**

- 2 years of one language in high school
- or
- FL 1105 and 1106 if less than two years of one language in high school

**Sequencing**

Courses should be taken in a sequence that ensures that prerequisite or corequisite requirements are met. Free elective courses may also have prerequisite requirements. Students should plan ahead and ensure that they have completed prerequisites or are enrolled in corequisite courses.

**In-major GPA computation**

Includes all courses designated SBIO. The acceptable minimum is 2.0.