

# PACKAGING SCIENCE

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Not all courses are offered every semester. Refer to the schedule of courses for each term's specific offerings.

More Info (<https://one.ufl.edu/soc/>)

*Unless otherwise indicated in the course description, all courses at the University of Florida are taught in English, with the exception of specific foreign language courses.*

## Courses

### **PKG 3001 Principles of Packaging 3 Credits**

**Grading Scheme:** Letter Grade

Focuses on the materials, uses, functions, and production processes of packaging. Topics include an industry overview and related applications as well as the historical, societal, and technological drivers of packaging and how end-users decide on the product/package combination they use for their product and the impact these choices make on the product's market success.

**Prerequisite:** Junior standing or higher.

### **PKG 3103 Food Packaging 3 Credits**

**Grading Scheme:** Letter Grade

Studies major technical, safety and legislative issues involved in modern food packaging practices. Includes the physical and chemical properties of food packaging materials and a survey of modern packaging techniques for various food types.

**Prerequisite:** CHM 2045. Fall.

### **PKG 4008 Distribution and Transport Packaging 3 Credits**

**Grading Scheme:** Letter Grade

Studies containment, protection, and preservation practices related to transporting and delivery of packages.

**Prerequisite:** Junior standing or higher.

### **PKG 4011 Packaging Production and Processing 3 Credits**

**Grading Scheme:** Letter Grade

Studies operations and machinery used in modern packaging lines. Topics include high-speed forming, filling, sealing, labeling, check weighing, inspection, coding, palletizing, and shipping.

**Prerequisite:** Junior standing or higher.

**Attributes:** Artificial Intelligence

### **PKG 4101C Computer Tools for Packaging 3 Credits**

**Grading Scheme:** Letter Grade

Studies the computer tools applicable to the packaging industry. Topics include label design, bar code technology, spreadsheet programming, 3D package design, and distribution efficiency analysis.

**Prerequisite:** Junior standing or higher.

### **PKG 4905 Individual Work in Packaging Engineering 1-6 Credits**

**Grading Scheme:** Letter Grade

Selected problems or projects enhance knowledge of packaging engineering related topics.

**Prerequisite:** Instructor permission.

### **PKG 4932 Special Topics in Packaging Engineering 1-6 Credits**

**Grading Scheme:** Letter Grade

Lectures, laboratory, and/or special projects.

**Prerequisite:** Instructor permission.

### **PKG 4941 Work Experience in Packaging Engineering 1-3 Credits**

**Grading Scheme:** S/U

Work experience in the packaging science industry.

**Prerequisite:** Instructor permission.

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