PACKAGING

School of Packaging
College of Agriculture and Natural Resources

101 Principles of Packaging
Fall, Spring, Summer. 3(3-0) SA: PKG 210

122 Packaging with Glass and Metal
Fall, Spring. 3(3-0) P:M (CEM 141 or CEM 151 or LBS 171) and (PHY 231 or PHY 231B or PHY 231C or PHY 183 or PHY 183A or PHY 183B or PHY 193H or LBS 271) and (PKG 101 and concurrently) SA: PKG 320, PKG 325

315 Packaging Decision Systems (W)
Fall, Spring. 3(2-2) P:M: (MT 116 or LBS 117 or MTH 114 or MTH 124 or MTH 132 or LBS 116 or MTH 152H) and completion of Tier I writing requirement R: Open to sophomores or juniors or seniors in the School of Packaging. SA: PKG 415

322 Packaging with Paper and Paperboard
Fall, Spring. 4(3-2) P:M: (PKG 221 or concurrently) and PKG 101 and (MT 124 or MTH 132 or LBS 116 or MTH 152H) and (CEM 143 or CEM 251 or CEM 351) and (STT 200 or STT 201 or STT 315 or STT 351) R: Open only to sophomores or juniors or seniors or graduate students in the School of Packaging. SA: PKG 226

330 Package Printing
Fall, 3(3-0) P:M: PKG 221 R: Open only to sophomores or juniors or seniors or graduate students in the School of Packaging. Methods of printing packages including copy preparation, design, electronic imaging, aesthetics, camera use, and effects of package materials. Production of printed packages including quality control, economics, and environmental considerations.

370 Packaging and the Environment
Spring, 3(3-0) P:M: Completion of Tier I writing requirement. RB: CEM 141 or CEM 151 or LBS 164 R: Not open to freshmen or sophomores.

410 Distribution Packaging Dynamics
Fall, Spring. 3(3-0) P:M: PKG 322 and PKG 323 R: Open only to sophomores or juniors or seniors or graduate students in the School of Packaging. SA: PKG 310

432 Packaging Processes
Fall, Spring. 4(3-2) P:M: (PKG 322 and PKG 323) and (PHY 232 or PHY 232B or PHY 232C or LBS 272 or PHY 184 or PHY 182B or PHY 184A or PHY 184B or PHY 294H) R: Open only to sophomores or juniors or seniors or graduate students in the School of Packaging.

440 Robotics and Automotive Packaging
Fall, 4(3-2) P:M: PKG 322 or PKG 323

452 Medical Packaging
Fall. 4(3-2) P:M: PKG 322 or PKG 323

460 Distribution Packaging and Performance Testing
Spring. 3(2-2) P:M: PKG 410 R: Open only to sophomores or juniors or seniors or graduate students in the School of Packaging.

475 Packaging Economics
Fall. 3(3-0) RB: EC 201 or EC 202

480 Packaging Laws and Regulations
Spring. 3(3-0) R: PKG 322 or PKG 323 R: Open only to sophomores or juniors or seniors or graduate students in the School of Packaging.

485 Packaging Development (W)
Fall, Spring. 4(4-0) P:M: (PKG 410 and PKG 415 and PKG 432) and completion of Tier I writing requirement R: Open only to seniors or graduate students in the School of Packaging.

492 Senior Seminar
Fall, Spring. 1(1-0) R: Open only to seniors in the Packaging major.

493 Professional Internship in Packaging
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

494 Directed Studies in Packaging Problems
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

495 Internship in Packaging
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

496 Packaging Internship
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

497 Internship in Packaging
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

498 Internship in Packaging
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

499 Internship in Packaging
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

500 Internship in Packaging
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
Packaging—PKG

815 Permeability and Shelf Life
Spring. 3(2-2) RB: MTH 124Q and MTH 132 and PKG 322 and PKG 323
Relationship between the storage life of packaged food and pharmaceutical products and the gas, moisture, and organic vapor permeability of packages in various environments.

817 Instruments for Analysis of Packaging Materials
Fall of even years. 4(3-2) RB: PKG 322 and PKG 323

827 Polymeric Packaging Materials
Fall. 3(3-0) RB: PKG 323 or PKG 801 SA: PKG 825
Physical and chemical properties of polymeric materials and structures used in packaging. Relationship of properties to performance.

828 Processing and Applications of Packaging Plastics
Spring. 3(3-0)

829 Packaging Plastics Laboratory
Fall. 1(0-2) Not open to students with credit in PKG 825
Structure versus property relationships and plastics processing.

875 Stability and Recyclability of Packaging Materials
Fall of odd years. 3(3-0) RB: PKG 322 and PKG 323
Interactions between packaging materials and environments: corrosion, degradation, stabilization, and recycling. Impacts of packaging disposal.

888 Master's Project
Fall, Spring, Summer. 2 credits. R: Open only to master's students in the School of Packaging. Approval of school, application required.
Master's degree Plan B project. Completion of a project related to packaging issues.

890 Independent Study in Packaging
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to Ph.D. students in the School of Packaging. Approval of department; application required.
Special investigations of unique packaging problems.

892 Packaging Seminar
Fall. 1(0-2) A student may earn a maximum of 3 credits in all enrollments for this course. R: Open only to graduate students in the School of Packaging. Presentations of detailed studies on specialized aspects of packaging.

992 Packaging Seminar
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 50 credits in all enrollments for this course. R: Open only to doctoral students in the School of Packaging. Doctoral dissertation research.

999 Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 50 credits in all enrollments for this course. R: Open only to doctoral students in the School of Packaging. Doctoral dissertation research.