



Curriculum Guide Bachelor of Science Degree in Packaging

UNIVERSITY REQUIREMENTS IN INTEGRATIVE STUDIES:

Total = 28 credits. (IS General Science Alternate Track = CEM 141, CEM 143, CEM 161; FSC 342 or MMG 201)

	Credits	Semester Offered		
		Fall	Spring	Summer
Tier I Writing (WRA)	4	XX	XX	XX
Integrative Studies, Arts & Humanities (IAH)	8	XX	XX	XX
Integrative Studies, Social Science (ISS)	8	XX	XX	XX
Additional University Requirements met by college/school requirements.				

COLLEGE REQUIREMENTS:

EC 201 Introduction to Microeconomics (<i>preferred for PKG</i>) or EC 202 Introduction to Macroeconomics	3	XX	XX	XX
Mathematics; met by school requirements	3	XX	XX	XX
26 credits in College of Natural Resources, met by course work in the Packaging Core				

SCHOOL REQUIREMENTS:

BS 110 Organisms and Populations or BS 111 Cells and Molecules or FSC 342 Food Safety & HACCP or MMG 201 Fundamentals of Microbiology	4	XX	XX	
CEM 141 General Chemistry	3	XX	XX	XX
CEM 143 Survey of Organic Chemistry	3	XX		
CEM 161 Chemistry Laboratory I	3		XX	
MTH 116 College Algebra and Trigonometry	4	XX	XX	
MTH 124 Survey of Calculus with Applications I or MTH 132 Calculus I	4	XX	XX	
MTH 124 Survey of Calculus with Applications I or MTH 132 Calculus I	4	XX	XX	
MTH 124 Survey of Calculus with Applications I or MTH 132 Calculus I	5	XX	XX	XX
PHY 231 Introductory Physics I or PHY 183 Physics for Scientists & Engineers I	3	XX	XX	XX
PHY 232 Introductory Physics II or PHY 184 Physics for Scientists & Engineers II	4	XX	XX	XX
PHY 232 Introductory Physics II or PHY 184 Physics for Scientists & Engineers II	4	XX	XX	XX
PHY 232 Introductory Physics II or PHY 184 Physics for Scientists & Engineers II	4	XX	XX	XX
STT 200 Statistical Methods or STT 201 Statistical Methods or STT 315 Introduction to Probability & Statistics for Business	3	XX	XX	XX
STT 200 Statistical Methods or STT 201 Statistical Methods or STT 315 Introduction to Probability & Statistics for Business	4	XX	XX	XX
STT 200 Statistical Methods or STT 201 Statistical Methods or STT 315 Introduction to Probability & Statistics for Business	3	XX	XX	XX

BUSINESS COGNATE:

ACC 230 Survey of Accounting Concepts	3	XX	XX	XX
Three of the following choices:				
ADV 205 Principles of Advertising	4	XX	XX	XX
FI 320 Introduction to Finance	3	XX	XX	
GBL 323 Introduction to Business law	3	XX	XX	
MGT 325 Management Skills and Processes	3	XX	XX	XX
MSC 303 Introduction to Supply Chain Management	3	XX	XX	XX
MSC 327 Introduction to Marketing	3	XX	XX	XX

PACKAGING CORE:

PKG 101 Principles of Packaging	3	XX	XX	XX
PKG 221 Packaging with Glass and Metal (<i>Pr: PKG 101 or concurrent, CEM 141, PHY 231</i>)	3	XX	XX	
PKG 315 Packaging Decision Systems (<i>Pr: MTH 116, MTH 124 and completion of Tier I writing requirement</i>) (PKG majors)	3	XX	XX	
PKG 322 Packaging with Paper and Paperboard (<i>Pr: PKG 101, PKG 221 or concurrent, CEM 143, MTH 124, STT 200, 201, or 315</i>) (PKG majors)	4	XX	XX	
PKG 323 Packaging with Plastics (<i>Pr: PKG 101, PKG 221 or concurrent, CEM 143, MTH 124, STT 200, 201, or 315</i>) (PKG majors)	4	XX	XX	
PKG 410 Distribution Packaging Dynamics (<i>Pr: PKG 322, PKG 323</i>) (PKG majors)	3	XX	XX	
PKG 432 Packaging Processes (<i>Pr: PHY 232, PKG 322, PKG 323</i>) (PKG majors)	4	XX	XX	
PKG 485 Packaging Development (<i>Pr: PKG 315, PKG 410, PKG 432, completion of Tier I writing requirement</i>). (PKG majors)	4	XX	XX	

PACKAGING ELECTIVE REQUIREMENTS:

Packaging Elective Credit (See courses on reverse side.)	6	XX	XX	XX
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SUFFICIENT FREE ELECTIVE CREDITS TO BRING TOTAL TO 120 (123 IF MTH 1825 TAKEN)

PACKAGING ELECTIVES

	Credits	Fall	Spring	Summer
PKG 330 Package Printing (Pr: PKG 221; PKG majors)	3	XX		
PKG 370 Packaging and the Environment (Pr: CEM 141, Tier I writing course)	3		XX	
PKG 440 Robotics & Automotive Packaging (Pr: MTH 124; Juniors or above)	3	XX		
PKG 444 Radio Frequency Identification (RFID) for Packaging (Pr: PKG 322 and 323 or approval of the School)	3	XX	XX	
PKG 452 Medical Packaging (Pr: PKG 322 or 323)	4	XX		
PKG 455 Food Packaging (Pr: PKG 322 and 323; PKG majors)	3		XX	
PKG 460 Distribution Packaging and Performance Testing (Pr: PKG 410)	3		XX	
PKG 475 Packaging Economics (Pr: EC 201 or 202)	3	XX		
PKG 477 Hazardous Materials Packaging (Recommended background PKG 322 and PKG 323)	3		XX	
PKG 480 Packaging Laws and Regulations (Pr: PKG 322 or 323; PKG majors)	3		XX	
* PKG 490 Special Problems in Packaging (Independent Study) (Pr: PKG 322 and 323; PKG majors, application, School approval) (A student may earn a maximum of 6 credits in all enrollments for this course)	1-3	XX	XX	XX
PKG 491 Special Topics (includes Study Abroad) (A student may earn a maximum of 8 credits in all enrollments for this course)	1-4	XX	XX	XX
* PKG 492 Senior Seminar (Pr: PKG majors, Seniors)	1	XX	XX	
PKG 493 Packaging Internship (Pr: PKG 315, PKG 322 and 323; Juniors and above, PKG majors, application, School approval) (Only one internship to count towards required packaging electives.) (A student may earn a maximum of 6 credits in all enrollments for this course)	3	XX	XX	XX

*May **not** be used to meet Packaging Electives requirement.

A MAXIMUM OF 47 CREDITS MAY BE EARNED IN ALL PACKAGING (PKG) COURSES.

SAMPLE PACKAGING CURRICULUM GUIDE

FRESHMAN

WRA 1xx	4
MTH 116	5
PKG 101	3
EC 201 or 202	<u>3</u>
	15

CEM 141	4
CEM 161	1
IAH 20x	4
ISS 2xx	4
MTH 124	<u>3</u>
	16

YEAR TOTAL= 31

SOPHOMORE

PHY 231	3
ISS 3xx	4
ACC 230	3
Electives	<u>6</u>
	16

PKG 221	3
IAH 2xx	4
STT 200	3
(or 201 or 315)	
CEM 143	<u>4</u>
	14

YEAR TOTAL= 30
CUM. TOTAL= 61

JUNIOR

PKG 315	3
PKG 322	4
PKG 323	4
PHY 232	3
Electives	<u>1</u>
	15

MMG 201	3
PKG 410	3
BUS Cognate I	3
Electives	<u>6</u>
	15

YEAR TOTAL= 30
CUM. TOTAL= 91

SENIOR

PKG 432	4
BUS Cognate II	3
PKG Elective I	3
Electives	<u>5</u>
	15

PKG 485	4
BUS Cognate III	3
PKG Elective II	3
Electives	<u>4</u>
	14

YEAR TOTAL= 29
CUM. TOTAL= 120