

Bachelor of Science Degree – Packaging

“Emphasis” Areas:

RATIONALE: The diversity of career opportunities within the field of packaging justifies the selection of a supporting emphasis in addition to the technical core of the program. Graduates with a supporting emphasis will be employable in segments of the packaging industry previously denied to them.

EMPHASIS ALTERNATIVE: Transfer students and students changing programs will be advised of options to meet their career objectives.

Pkg. Graphics Design:

| | |
|-------------------------------|------|
| ART-100 Drawing | 3 cr |
| ART-103 Design | 3 |
| ARTH-222 Intro to Art | 3 |
| <u>OR</u> | |
| DES-205 Present Techniques | 3 |
| DES-200 Design Thry & Methods | 3 |
| DES-210 Letter Form Design | 3 |
| DES-310 Graphic Design I | 3 |
| DES-360 Graphic Design II | 3 |
| DES-410 Prod & Pkg Graphics | 3 |

Select 12 cr

Package Printing:

| | |
|----------------------------------------|------|
| GCM-151 Prepress Tools & Processes | 3 cr |
| GCM-251 Digital Prepress File Creation | 3 |
| GCM-266 Digital & Offset Press Systems | 4 |
| GCM-270 Postpress Operations/Planning | 3 |
| GCM-363 Package Printing | 4 |
| GCM-380 Graphic Estimate & Scheduling | 3 |
| GCM-445 Publication Production | 3 |

Select 12 cr

Manufacturing/Quality:

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|------------------------------|------|
| INMGT-320 Quality Tools | 3 cr |
| INMGT-325 Quality Management | 3 |

(Select six (6) credits below):

| | |
|----------------------------------|---|
| INMGT-220 Service Qlty Assurance | 3 |
| INMGT-305 Prod Inven Control | 3 |
| INMGT-330 Material Handling | 3 |
| INMGT-340 Time and Motion | 3 |
| INMGT-350 Facilities Planning | 3 |
| INMGT-410 Six-Sigma Quality | 3 |
| BUACT-410 Mfg Cost Analysis | 3 |
| MFGT-303 Comp Aided Mfg | 3 |
| MFGT-405 Industrial Robotics | 3 |
| RC-381 Occup Safety/Loss Cntrl | 3 |

Select 12 cr

Packaging Design, Research & Development:

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|--------------------------------------------------|------|
| MECH-290 Mechanics of Solids I <u>AND</u> | 3 cr |
| MECH-291 Mechanics of Solids II | 3 |

OR

| | |
|------------------------------------|---|
| PHYS-321 Statics and Strength | 4 |
| MECH-393 Mechanics of Machinery II | 3 |

(Select 5-6 credits below):

| | |
|-------------------------------------------------|---|
| RD-205 Design for Industry | 3 |
| (If NOT selected to meet program design req) | |
| MFGT-204 Polymer Processes | 3 |
| RD-320 Prototype Dev/Model Making | 3 |
| RD-420 Research & Development <u>AND</u> | 2 |
| RD-421 Research & Dev Lab | 1 |
| MFGT-405 Industrial Robotics | 3 |
| CHEM-341 Chemistry of Materials | 4 |

Select 12 cr

Foods/Packaging:

| | |
|----------------------------|------|
| FN-240 Food Science | 4 cr |
| FN-xxx Food Packaging | 3 |
| CHEM-315 Food Chemistry | 3 |
| PKG-440 Food Packaging Lab | 3 |
| FN-410 Food Pol Reg & Law | 3 |
| FN-442 Basic Sensory Anly | 3 |
| FN-450 Food Engineering | 3 |
| BIO-406 Food Microbiology | 3 |

Select 12 cr

Business/Sales:

| | |
|-----------------------------------------|------|
| BUACT-200 Financial Mgr. Accounting | 3 cr |
| <u>OR</u> | |
| BUACT-206 Intro to Financial Accounting | 3 |
| BUMGT-304 Principles of Management | 3 |
| BUMKG-330 Principles of Marketing | 3 |
| BUMIS-333 MIS Decision Support Systems | 3 |
| BUMKG-334 Sales & Sales Mgmt | 3 |

Select 12 cr

NOTE: Course prerequisites must be met when making course selections.

03-JUL-06 Level (Effective Fall 2006)