

Academic Minors

**Business
Economics
Industrial Technology
Packaging**

Business Minor

College Advising Center
Business Bldg. (03), Room 100
805 756-2601

This minor provides non-business students with an introduction to the body of knowledge expected of persons pursuing careers in business. A business minor gives a student a competitive edge when applying for certain jobs, by providing concepts, tools and skills which enhance one's progress in a career. In addition, students who plan on a career in the non-business sector gain a greater appreciation of the challenges and opportunities facing business, now and in the future.

Enrollment is limited and selection is made based upon the applicant's performance in the prerequisite courses listed below. After admission to the minor, the student must complete the remaining required courses while satisfying specified academic performance standards in all minor courses.

Prerequisites. The following courses must be taken *before* admission to the minor.

BUS 207 Legal Responsibilities of Business (4)
BUS 214 Financial Accounting (4)
ECON 221 Microeconomics (4)
ECON 222 Macroeconomics (D2) (4)
MATH 221 Calculus for Business and Economics (B1) (4)
STAT 251 Statistical Inference for Management I (B1) (4)
STAT 252 Statistical Inference for Management II (B1) (5)

Required courses	<i>Units</i>
BUS 215 Managerial Accounting	4
BUS 342 Fundamentals of Corporate Finance.....	4
BUS 346 Principles of Marketing	4
IT 371 Decision Making in Supply Chain, Services, and Project Management.....	4
BUS 387 Organizational Behavior.....	4
BUS 391 Management Information Systems	4
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Economics Minor

Business Bldg. (03), Room 407
805 756-2783

This minor is designed to give students from other majors a general competency in economics. Students are encouraged to meet with the advisor of the Economics Minor to develop a course of study that complements their major curriculum. For more information, contact the Economics Area office.

	<i>Units</i>
Required courses	
ECON 221 Microeconomics	4
ECON 222 Macroeconomics (D2)	4
ECON 311 Intermediate Microeconomics	4
Electives	12
Upper division ECON courses, 8 units of which must be at the 400 level.	
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Environmental Studies Minor

Please see the College of Science and Mathematics for more information on this interdisciplinary minor.

Packaging Minor

Industrial Technology
 Business Bldg. (03), Room 405
 805 756-2676

The purpose of this interdisciplinary minor is to complement the student's degree major with a planned curriculum in packaging. The program is designed to capitalize on theories and skills learned in other disciplines thereby uniquely preparing students for success as packaging professionals in positions ranging from highly technical research and development through purchasing, production, sales and management.

Students gain the skills needed for the design of package forms and graphics, the specifications of materials and machinery to be used, the evaluation of package systems, as well as the planning and coordinating of packaging requirements. These specialized skills result from an integration of knowledge gained through the packaging curriculum with that of the major discipline. A significant understanding of packaging issues and their impact on the industry is also gained.

	<i>Units</i>
Required courses (19-21)	
CHEM 110 World of Chemistry - Essentials <i>or</i>	
CHEM 111 Survey of Chemistry (B3 & B4)	4/5
FSN 230 Elements of Food Processing <i>or</i>	
FSN 334 Food Packaging	4/3
IT 330 Fundamentals of Packaging (Area F)	4
IT 435 Packaging Development	4
PHYS 104 Introductory Physics (B3) <i>or</i>	
PHYS 121 College Physics I (B3&B4)	4
Advisor approved electives	7-8
<i>Select 7-8 units from the following list.</i>	
FSN 335 Food Quality Assurance (4)	
FSN 354 Packaging Function in Food Processing (3)	
GRC 211 Substrates, Inks and Toners (4)	
GRC 337 Consumer Packaging (3)	
IT 341 Plastic Processes and Applications (4)	
IT 408 Paper and Paperboard Packaging (4)	
IT 409 Machinery for Packaging (4)	
IT 435 Package Development (4)	
IT 457 Radio Frequency Identification (4)	
IT 475 Packaging Performance Testing (4)	
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Industrial Technology Minor

Industrial Technology
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This minor is an interdisciplinary program. Students learn about the technical, social and business issues related to the use of new technology and how the technology is integrated into corporate operations. The minor appeals to students who are majoring in nontechnical disciplines.

	<i>Units</i>
Technology Issues (Required course)	
BUS 311 Managing Technology in the International Legal Environment	4
Materials and Processes electives (select three).....	12
IT 137 Electrical/Electronic Systems (4)	
IT 150 Industrial Power Systems (4)	
IT 233 Decision Making and Problem Solving Using CAD (4)	
IT 260 Manufacturing Processes (4)	
IT 329 Industrial Materials (4)	
IT 330 Fundamentals of Packaging (4) (Area F)	
IT 336 Textiles Technology (4) (Area F)	
IT 341 Plastics Processes and Applications (4) (Area F)	
IT 411 Industrial Safety and Quality Program Leadership (4)	
Management and IT elective (select one)	4
IT 371 Decision Making in Supply Chain, Services, and Project Management (4)	
BUS 387 Organizational Behavior (4)	
IT 403 Quality Systems Management (4)	
IT 410 Operations Planning and Control (4)	
IT 428 Commercialization of New Technologies (4)	
Humanities and Social Issues (select one).....	4
HUM 303 Values and Technology (4) (C4)	
IME 320 Human Factors and Technology (4) (Area F)	
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