The University Curriculum Committee recommends approval of the following:

1. New Courses

**HORT 421. Enology.** *(2-3). Credit 3.* Provides a basic understanding of each step of the wine making process; emphasis on home and small scale commercial wine production as related to Texas conditions. Prerequisites: Must be 21 years of age; junior or senior classification.

**INFO 301. Business Programming Logic and Design.** *(3-0). Credit 3.* Development of structured and object-oriented program logic and design in solving business programming problems using Visual Basic; emphasis on enforcing good techniques and logical thinking. Prerequisites: INFO 210 or approval of instructor; junior classification in business.

2. Changes in Courses

**BSEN 354. Engineering Properties of Plant, Animal and Food Materials.**

Course title
- To: Engineering Properties of Biological Materials.

Course description
- From: Basic principles, definitions and measurement of material properties necessary for understanding behavior of plant, animal and food material; design of processes involving these materials; techniques for property measurement; practical application of concepts.
- To: Relationships between composition, structure and properties of biological materials; definition and measurement of mechanical, physical, thermal and other material properties; variability of properties; application of properties to engineering analysis and design of biological and agricultural processes and systems.

Prerequisite
- From: ENGR 214 or registration therein.
- To: ENGR 213; ENGR 214 or registration therein.

**BSEN 366. Transport Processes in Plant, Animal and Food Systems.**

Course title
- From: Transport Processes in Plant, Animal and Food Systems.
- To: Transport Processes in Biological Systems.
Course description
From: Basic principles governing transport of energy and mass; application of these principles to analysis and design of processes and systems involving plants, animals or foods.

To: Basic principles governing transport of energy and mass; application of these principles to analysis and design of processes involving biological, environmental and agricultural systems.

Prerequisites
From: BSEN 365 or AGEN 365 or registration therein; CHEM 222.
To: BSEN 354; BSEN 365 or AGEN 365 or registration therein; CHEM 222.


Course title
From: Environmental Control for Plant and Animal Systems.
To: Environmental Control for Biological Systems.

Course description
From: Analysis of environmental and biological factors affecting plant and animal production and welfare; air quality; gas exchange, water use, radiant energy, energetics of animal and plant systems; design of greenhouse systems, livestock systems and environmental control systems.

To: Analysis of physical and biological factors affecting living organisms in controlled environment systems; air quality, gas exchange, water use, radiant energy, energetics of living systems; design of environmental control systems for greenhouses, livestock housing and closed environment life support systems.


Course number
From: INFO 329.
To: INFO 429.

INFO 334. Data Communications and Network-Based Systems.

Course number
From: INFO 334.
To: INFO 306.

INFO 421. Large-Scale Information Systems Project.
Report of the University Curriculum Committee
March 8, 2002

Course number
From: INFO 421.
To: INFO 477.

Prerequisites
From: INFO 329 and 334; senior classification.
To: INFO 301 or 322; INFO 429; senior classification or approval of instructor.