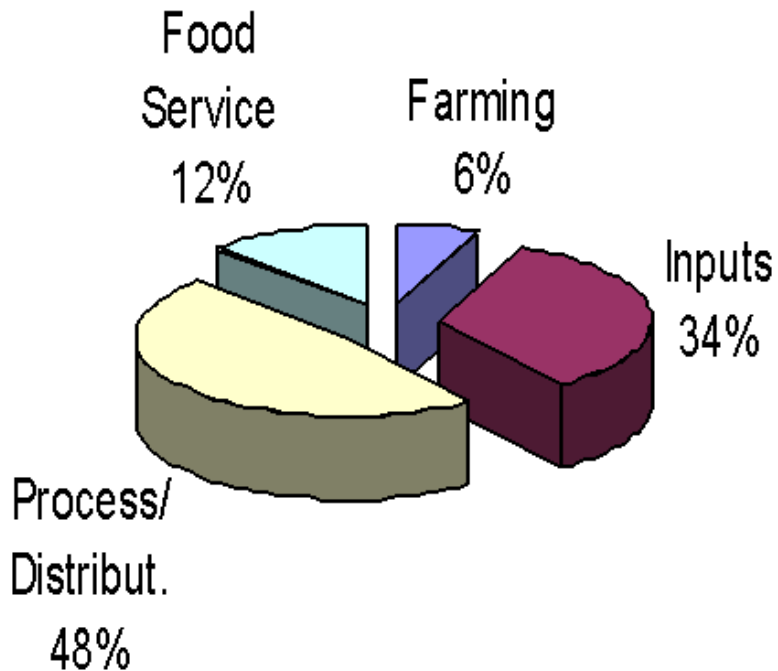


## Graph 1: Contributions to U.S. Food and Fiber System, 2000 (Total: \$1,264.5 Billion)



Info Systems)

Info Systems)

ew or altered program. (See  
to the exact current *Catalog*

\_\_\_\_\_  
Date Approved

2. \_\_\_\_\_  
Department Chair or School Director

\_\_\_\_\_  
Date Approved

5. \_\_\_\_\_  
Teacher Education Council Chair if  
appropriate (10 copies to the Dean of the  
College of Education)

\_\_\_\_\_  
Date Approved

3. \_\_\_\_\_  
College Committee Chair

\_\_\_\_\_  
Date Approved

6. \_\_\_\_\_  
University Curriculum Committee Chair  
(8 copies to the Undergraduate Studies)

\_\_\_\_\_  
Date Approved

Submit 20 copies of **NEW** Undergraduate proposals to University Curriculum Committee

Submit 8 copies of **REVISED** Undergraduate proposals to University Curriculum Committee

All new and deleted programs (majors, minors, sequences) are routed by the U.C.C. to the Academic Senate. **The Senate rules mandate electronic submission (in MS Word or HTML format) of all materials for website posting.**



adding approximately \$1.26 trillion to GDP in 2000. (Edmundson, William. Rural America, Volume 17, Issue 1 (Spring 2002), ERS, USDA.)

Graph 1 illustrates the relative contributions of the major sectors of the total U.S. food and fiber system (derived from data from U.S. Departments of Commerce and Labor). The proposed program expands the focus of curricular programs within the Department of Agriculture beyond the traditional areas of agricultural production (6%) and the input industries (34%) to encompass the growing opportunities in the marketing, processing and distribution of food (48%). The proposed program also will broaden the appeal of curricular programs within the department to attract a more diverse student population. For example, the Chicago High School for Agricultural Sciences (CHAS) has a significant minority population that might be interested in the proposed program.

The proposed sequence will create departmental distinctiveness (Item 26, p. 11, Educating Illinois) and increase the enrollments of students from traditionally underrepresented groups (Item 41, p. 16, Educating Illinois). The proposed program is unique within Illinois. Western Illinois University and Southern Illinois University do not offer a similar program. The University of Illinois offers some similar courses within their Agribusiness Markets and Management option but does not offer an identifiable sequence similar to the proposed program. There are several programs within the state that prepare students for careers in food preparation. These programs typically are entitled *Hotel and Restaurant Management* or *Hospitality Management*. The proposed program does not emphasize this sector of the food industry. The focus of the proposed program is science-based careers in the food industry such as food scientists, food process engineers, and scientists who are involved with the research and development of new consumer products from raw agricultural products.

### **Expected impact of proposal on existing campus programs**

We project that enrollment in this sequence will stabilize around 25 students. We would anticipate an increase in the total enrollment in the Department of Agriculture as a result of this sequence. We also anticipate an increase in minority student enrollment as a result of this sequence. The Department of Agriculture has the capacity to accept additional majors.

Supporting courses are required from several other departments. Required courses in Biological Sciences, Chemistry and Mathematics are part of the General Education program. These courses are offered regularly and are specifically designed to accommodate large numbers of students annually. The only department that would experience a significant addition or change of students in their courses is Family and Consumer Sciences (FCS). This program has been jointly developed with FCS and is fully supported by the Department of Family and Consumer Science and the College of Applied Science and Technology.

All courses required in this program are currently offered at least once per year and many of the courses are offered twice per year. The new courses in agriculture (271 and 317) have already been offered. These courses have been integrated into the regular course schedule within the Department of Agriculture by alternating them with other existing courses. See details below.

### **Expected curricular changes including new courses**

- A. New courses [Note: these three courses have already been approved.]
  - a. AGR 271: Foods of animal origin (required course)
  - b. AGR 317: Food industry marketing and strategic management (required course)
  - c. FCS 332: Food Industry marketing and strategic management II (required course)

### **Milner contacted to determine sufficient resources.**

Based on a search of current holdings, the library has adequate resources to support the sequence. A list of current

periodicals that support the sequence is attached as Table 2.

### Anticipated staffing arrangements

The courses required in the sequence will be integrated into regular course schedules and teaching assignments. The two new courses within the Department of Agriculture will be rotated with existing courses. It is anticipated that AGR 271 will rotate with AGR 282 and AGR 317 will rotate with AGR 315. FCS 332 will be integrated into the course offerings within FCS to support this sequence in addition to the proposed Food Industry Management sequence in FCS. The other required courses already have a history of regular offering. No additional staff is required to offer this program.

### Anticipated funding needs and source of funds

None.

### Letters of concurrence from affected departments

Attached letter from Department of Family and Consumer Sciences.

Table 1: Program requirements for proposed sequence--Food Industry Science

Requirements	Minimum	Maximum	Prereqs	Schedule for Offering
	Hours	Hours		
AGR 109	1	1		F,S
AGR 110	3	3		F,S
AGR 130	3	3		S
AGR 150	4	4		F
AGR 170	4	4		F
AGR 271	3	3	Che 110/112 or 140/141	F
AGR 285	3	3		S
AGR 317	3	3	AGR 215 or Consent	S
FCS 113	3	3	FCS 102 or Consent	F,S
FCS 316	3	3	FCS 213/CHE 110/112 or Consent	F
FCS 319	3	3	FCS 213 or Consent	S
FCS 332	3	3	AGR 317	S
CHE 110/112 or 140/141	5	8	IDS 100	F,S
MAT 120	4	4		F,S
AGR 205 or ITK 150	3	3		F,S
BSC 160 or 260	4	4	Inner Core	F,S
BSC 196 or 197	4	4	IDS 100	F,S
FCS 102 or AGR 171	3	4		F,S or F
Total	59	63		

--24 hours in Agriculture and 12 hours in Family and Consumer Sciences

-- Required courses (36 hours): AGR 109, 110, 130, 150, 170, 271, 285, 317;  
FCS 113, 316, 319, 332.

--Additional required courses (23-27 hours): AGR 171 or FCS 102; CHE 110 and 112 or 140 and 141;  
Mat 120; AGR 205 or ITK 150; BSC 196 or 197; BSC 160 or 260.

-- AGR 295, 394, and 395 do not count toward this sequence.

Table 2: Milner Library Periodical Holdings Related to Proposed Program

HD9000.1 .J68	Journal of International Food and Agribusiness Marketing
HD9001 .J68	Journal of Food Distribution Research
S560 .J6	American Journal of Agricultural Economics
S583 .J6	Journal of Agricultural and Food Chemistry
TX341 .J6	Journal of the Science of Food and Agriculture
TX556 .M4 M45	Meat Science
HD1401 .A333	Agribusiness: An International Journal
HD1401 .A901	Australian Journal of Agricultural and Resource Economics
HD1401 .J6802	Journal of Agricultural Economics (England)
HD1401 .N67501	Review of Agricultural Economics
HD1401 .S6701	Journal of Agricultural and Applied Economics
HD1401 .W4701	Journal of Agricultural and Resource Economics



