Expected Outcomes: Knowledge of Food Science

Students will be able to integrate and apply knowledge in the field of Food Science. Students will be prepared to function competently as a bachelor level professional in the Food Science field.

Related typical general education outcomes:

1. Information Literacy
6. Ability to Solve Open-Ended Problems
9. Informed and Engaged Citizenship
11. Scientific Literacy

Assessment methods

Method: Student performance

Feedback will be obtained from supervisors of student interns. Performance of students in the Food Product Development course, a capstone course.

Findings:

Evaluations from intern supervisors were generally positive; however, written reports by students demonstrated weaknesses in writing skills. All students earned an A or B in the Food Development course.

How did you use findings for improvement?

We will utilize our “writing in the major” to improve writing skills of our students, particularly in the area of organization. Department will develop an exit exam designed for FDSC (BS) students similar to one required for POUL (BS) students.

Additional comments:

None

Expected Outcomes: Communication skills

Students will demonstrate communication skills.

Related typical general education outcomes:

7. Written Communication
8. Oral Communication

Assessment methods

Method: Student reports

Performance of written and oral reports in Food Chemistry, Principles of Food Safety, Further Poultry Processing, Food Product Development, Food Plant Sanitation, Food Analysis, and Food...
Science Internship were assessed by individual faculty and dept writing committee.

Findings:
Analysis of writing assignments showed that students have weaknesses in the areas of organization and writing style.

How did you use findings for improvement?
We will utilize our 'writing in the major' to improve writing skills of our students, particularly in the area of organization.

Additional comments:

None

Expected Outcomes: Employment
Graduates will obtain employment in the field of Food Science or attend graduate/professional school.

Related typical general education outcomes:
6  Ability to Solve Open-Ended Problems
9  Informed and Engaged Citizenship

Assessment methods

Method: Employment statistics
Department tracked initial employment/continuing education of students upon graduation.

Findings:
All graduates who actively sought employment in the Food Science field were successful in doing so. One student was enrolled in graduate school.

How did you use findings for improvement?
Department will continue to solicit input from food industry stakeholders to ensure that our graduates have the skills and knowledge base needed.

Additional comments:
None