Food and Nutritional Sciences, Food Science Five-Year Plan of Assessment

What are the program's assessment goals for the next five years?

In addition to the methods of assessment described above under Section VIII Summary of Assessment, FNS will undertake three specific strategies to improve our program

- Complete Peer-review of Teaching based on the model developed by Hutchings (1995)[1]. This process will be piloted in the 2017/2018 academic year.

- Continuous Departmental Student Alert System – One of the best ways to ensure the success of the program is to track the students' academic progress. Students will receive e-mail alerts about their progress. Items raised will be addressed by the appropriate faculty. The responses will be used to determine which students to reach out to and offer help. This effort is also supported by the University's Office of Institutional Effectiveness, Research, Assessment and Strategic Planning
- Further develop critical thinking skills using FOSC 0301 (Introduction to Food Science), FOSC 0302 (Food Sensory Evaluation) and FOSC 0471 (Food Process Engineering Technology).
- Improve aassessment methods to include more direct and indirect evaluation methods
- Comprehensive faculty discussion of data for curricular modifications and enhanced student learning outcomes

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[1] Hutchings P, editor. From idea to prototype: the peer review of teaching: a project workbook. Washington, DC: American Association of Higher Learning; 1995.

Academic Year	17/18	18/19		19/20		20/21		21/22	
Semester	F/S	F	S	F	S	F	S	F	S
Peer Review of Teaching									
1. Review of course materials	gray	gray							
2. Pre-observation consultations	gray		green	green	green	green	green	green	green
3. Teaching observation		blue	blue	blue	blue	blue	blue	blue	blue
4. Post-observation consultation and feedback			gray	purple	purple	purple	purple	purple	purple
5. Written evaluation				lightblue	lightblue	lightblue	lightblue	lightblue	lightblue
6. Monitoring the peer review process		red	red	red	red	red	red	red	red
Continuous Departmental Student Alert System									
1. Monthly E-mail alerts		green	green	green	green	green	green	green	green
Further Develop Critical Thinking Skills									
1. Develop and improve strategy to evaluate critical thinking	blue	blue	blue	blue	blue	blue	blue	blue	blue
2. Update and continue critical thinking assessment			brown	brown	brown	brown	brown	brown	brown
Improve Assessment Methods to Include More Direct and Indirect Evaluation Methods									
1. Portfolio evaluation		darkgreen	darkgreen	darkgreen	darkgreen	darkgreen	darkgreen	darkgreen	darkgreen
2. Undergraduate project evaluation				lightgreen	lightgreen	lightgreen	lightgreen	lightgreen	lightgreen
3. Evaluation of capstone course product			blue		red		yellow		orange
4. Alumni survey	black		orange		gray		black		lightgray
Comprehensive Faculty Discussion of Data for Curricular Modifications and Enhanced Student Learning Outcomes									
1. Identify the best actions to improve student learning	green	green	green	green	green	green	green	green	green
2. Collect and review data from direct and indirect students' accomplishment of learning outcomes			red		purple		cyan		magenta

(F-Fall, S-Spring)