

## **Learning Goals and Assessment for MBS Degree in Department of Food Science**

The overall learning goal of our Food Science MBS (Master of Business and Science) program is to develop the students as future managers and leaders for the food and related consumer driven industries. This goal is accomplished by teaching courses on the principles and application of food science and technology at an advanced level, and courses on the fundamentals of business and management. The program requires 42 credits.

### **Learning Goal 1 for Students: Master the principles and applications of food science at an advanced level.**

Assessment of student achievement of Goal 1:

The student must successfully pass the following food science courses with a GPA of 3.0 or above.

- The student must take at least two of the department core courses (Food Biology Fundamentals, Food Chemistry Fundamentals, and Food Engineering Fundamentals) and earn a B or better grade to demonstrate his or her competence in food science.
- 6 electives in food science.

The Graduate Director and the Academic Standings and Standards Committee will monitor the student progress.

### **Learning Goal 2 for Students: Master the fundamentals of business and management**

Assessment of graduate student achievement of Goal 2:

The student must successfully pass the following business and management courses with a GPA of 3.0 or above.

- A capstone course (known as Innovative Capstone) in which students submit a business plan of turning a scientific idea into an implemental program.
- A seminar course (known as Essential Seminar) with lectures of general interest.
- 4 electives in business and management.

### **Learning Goal 3 for Students: Engage in Professional Development**

Assessment of student achievement of Goal 3:

MBS students are encouraged to participate in professional activities and competitions.

- Industry internships. About 35% of our full-time graduate students have been recruited by the industry as paid interns through the CPT program.
- Active participation in Graduate Student Association.
- Leadership and communication skills (such as serving as officers for IFT or Graduate Student Association).
- Team awards. Our Graduate Student Association has won more IFT Chapter-of-the-Year awards than any other universities. Teams of our graduate students (typically consisting of three to five people) have also won many competitive awards in the national levels.
- Individual awards and scholarships. Our graduate students have won many awards at the national levels.
- Job placement of recent graduates and alumni.