

## FOOD SCIENCE PROGRAM

### Undergraduate Majors & Minors

- ☼ Food Science

### Enrichment Opportunities

- ☼ Undergraduate Research Program
- ☼ Degrees with Distinction
- ☼ Institute of Food Technologists
- ☼ Food Science Club
- ☼ Culinary Club
- ☼ Internships for Credit and Pay

College of  
Agriculture and  
Natural Resources  
Department of  
Animal and Food  
Sciences

# FOOD SCIENCE

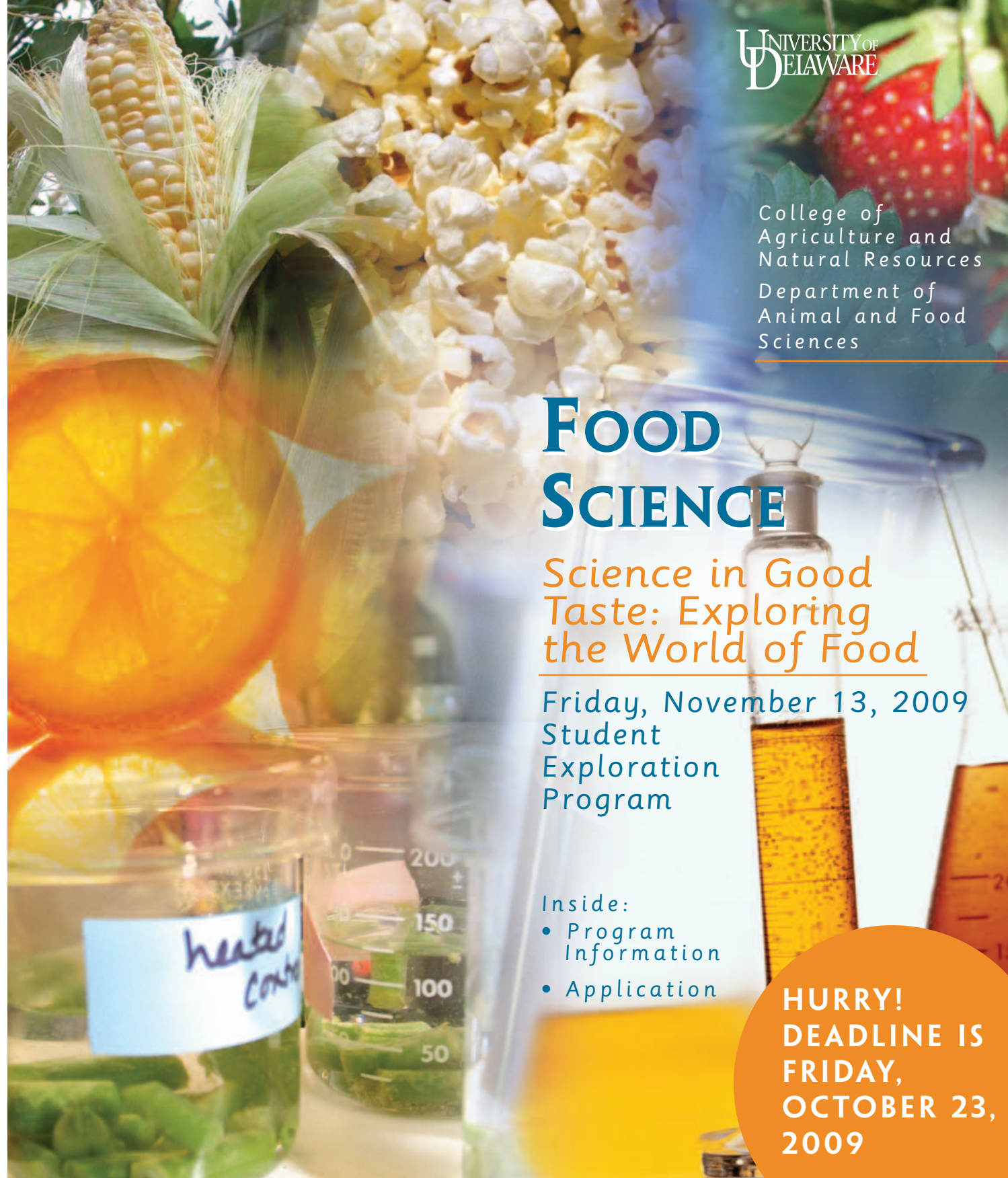
Science in Good  
Taste: Exploring  
the World of Food

Friday, November 13, 2009  
Student  
Exploration  
Program

Inside:

- Program Information
- Application

**HURRY!  
DEADLINE IS  
FRIDAY,  
OCTOBER 23,  
2009**



# DEPARTMENT OF ANIMAL AND FOOD SCIENCES

## Food Science 2009

### Student Exploration Program

How do you make 25 tasty flavors of Snapple? What makes Pop Rocks pop? Why don't Grape Nuts get soggy in milk? These are just a few of the fascinating topics that food scientists tackle every day.

It's hard to conceive of a career more important than feeding the world. Food scientists use biology, chemistry, physics and math—along with a pinch of creativity—to design new foods and to engineer ways to process and package the thousands of foods we see in the grocery store every day.

To promote an understanding of the diverse disciplines within food science, the University of Delaware is proud to sponsor the Food Science Student Exploration Program. Designed especially for students who are inquisitive about science, the program is particularly suited to those who desire to explore an interest in the safety and quality of foods; the design and development of new food products; and the production and packaging of foods.

Those who are selected will be invited to a full day of educational activities at the University of Delaware. Students will interact with Food Science faculty, students and alumni; will work on laboratory projects; and will be introduced to the educational and supporting opportunities available in the College of Agriculture and Natural Resources.

Please read the following information on the program's application and selection procedures. Approximately 12 students will be chosen to participate in this year's program, which will be held on Friday, November 13, 2009 on the University's campus in Newark, Delaware.

For further information, please call 302/831-2508 or send Email to [Latoya@udel.edu](mailto:Latoya@udel.edu). Application Deadline: October 23, 2009.

# FOOD SCIENCE EXPLORATION PROGRAM

## 2009

### Program Mission

- To promote the discipline of food science.
- To introduce students to careers in food quality and safety, new product development, food processing and engineering, and food packaging.
- To reward inquisitiveness and curiosity about science.

### Who Is Eligible?

- Students in their **sophomore, junior or senior year** of high school.
- Students with academic promise as demonstrated by strong grades.
- Students in college-preparatory studies.
- Students who have shown aptitude in biology, chemistry, or food science are preferred.

### Application Procedure

- Student must complete Part 1 of the application as described.
- Each student must provide one *science* teacher recommendation on the enclosed form (Part 2.)
- Both parts must be submitted together by October 23, 2009 to:

**FOSC STUDENT EXPLORATION PROGRAM**  
c/o Latoya Griffith  
Office of Academic Programs  
University of Delaware  
104 Townsend Hall  
Newark, DE 19716-2103 or  
**FAX to 302/831-1360**

### Selection Procedure

A faculty committee will review all applications and determine the most qualified applicants. There will be up to 12 students chosen based on the review of the applications.

### The Program

The program consists of a 1-day trip to the University of Delaware for the student. All activity materials and lunch are provided. Students will participate in hands-on activities and learn about the biology, chemistry, and processing needed to create foods. Students will also gain critical knowledge of foodborne illness causes and prevention. Recent UD graduates will lead the students in activities with food products that they help create in industry. All winners will receive certificates of recognition and other items honoring their selection as Student Explorers.

### Timeline

- October 23, 2009 Application Deadline
- October 30, 2009 Winners Announced  
(Winners will be notified via E-mail.)
- November 13, 2009 Food Science Exploration Day!