

FOOD PRODUCT DEVELOPMENT CERTIFICATE

Program Description

Food is one of the largest industries in the world. Expectations of customers continue to evolve and create opportunities for new products.

In this certificate program, you will be guided through the iterative process of bringing a new food product or innovation to market. The first course starts with defining and testing the feasibility of your food product. You will proceed through the process of creating protocepts, conducting and incorporating consumer research, refining your initial concept, and determining how the product will meet safety requirements and quality expectations. Throughout the courses, you will also address the regulatory requirements associated with food products, investigate different manufacturing and production options, and create a framework for bringing your product to market. Each course includes a project in which you will have the opportunity to apply what you have studied to your own food idea. By the end of this certificate program, you will be able to navigate the science and business processes to successfully develop safe, high-quality food or beverage products.

For the best experience in this program, it is strongly recommended to take these courses in the order that they appear.

Key Takeaways

- Evaluate the initial feasibility of a new food product or venture and create a protocept for the idea
- Develop a plan to address the regulations applicable to your food business
- Identify the hazards, parameters, and control measures needed to create safe food products that meet targeted quality standards
- Determine which processing and packaging system is most appropriate for a given food product and develop the specifications appropriate for trial production
- Develop a framework to bring a food product, service, or innovation from prototype to market

What You'll Earn

- Food Product Development Certificate from College of Agriculture and Life Sciences, Cornell University
- 50 Professional Development Hours (5 CEUs)

Who Should Enroll

- Food and beverage entrepreneurs
- Food and beverage processors
- Food scientists
- Chefs and caterers
- Farmers/Growers
- State and federal inspectors
- Food consultants

Total Investment

- 3 months to complete all the courses

How To Enroll

For additional information and enrollment, please visit Food Product Development Certificate (<https://ecornell.cornell.edu/certificates/financial-management/food-product-development/>).

Courses

Code	Title	Hours
eCornell CALS131	Market Research and Product Development	0
eCornell CALS132	Food Safety and Quality	0
eCornell CALS133	Food Processing and Packaging	0
eCornell CALS134	Regulatory Agencies and Food Regulations	0
eCornell CALS135	Commercialization	0