

Food Scientist

Textbook

Food Scientist

Are you interested in all things food? Are you curious about the science behind nutrition? Do you want to make a difference about world hunger?



What does a food scientist do?

Food scientists preserve our food supply by assuring its flavor, color, texture, nutritional quality and safety. They use their knowledge of chemistry, biochemistry, microbiology, and engineering to convert grain, livestock, fruit, and vegetables into new food products. Food scientists work as production supervisors, quality assurance specialists, product developers, and managers of processing plants.

What is a typical day like?

Food scientists work for food processing companies, food equipment and ingredient suppliers, and government agencies. They conduct food research and act as trouble-shooters in solving problems. They are sales and marketing representatives and consumer educators. Food scientists in local, state, and national government hold jobs as food inspectors, researchers, and laboratory workers. Others develop government regulations to safeguard our food.

What kind of training or schooling is required?

To be a food scientist you should earn a bachelor's degree in food science. You will take courses such as biology, business, chemistry, engineering, management, mathematics, microbiology, physics, and statistics, as well as classes in food science. With more education (graduate level) or experience you could go on to work in food chemistry, food microbiology, or food processing and engineering.

In high school, take mathematics, biology, chemistry, physics, and computer science. Communications courses are also important.

Job and Salary Outlook

Average annual salary is \$68,144

Common Soft Skills

To be a food scientist, you should practice creative problem solving and analytic skills.

Curiosity

Interest in food

Collaboration

Questions (1)

1. Did you read the textbook?

MULTIPLE CHOICE

Choose the correct answer:

- A. Yes
- B. No

Answer Keys & Solutions

Questions

1. Did you read the textbook?

MULTIPLE CHOICE

Correct Answer:

A. Yes

✓ Correct

B. No

✗ Incorrect