Food Scientist

**Industry Demand of Food Scientist**

* The food industry is a massive industry in general which would increase even further as the demand for food increases as the population increases. The desire for the quantity and quality of food will spark a growing demand for more food scientists.
* Increase in public awareness in regards to health, food safety, and diet will also spark an increase in demand for better food technology which would require more food scientists.
* Food business is usually stable even in harsh economic times as food is an important staple.

**Salary (Range)**

* Entry Level Salary in the United States: $ 43,000/Year
* Mid Career Salary in the United States: $ 66,000/Year
* Average Salary in Indonesia: Rp 195.000.000,00/Year

**Core Tasks**

* Evaluating and assuring the quality of food after the production process.
* Ensuring that the food production process is in accordance with governmental, consumer, and industry standards.
* Designing a new food product based on market demands and needs.
* Designing food production methods that would minimize costs and maximize food production while still adhering to industry standards.

**Working Conditions**

* Workplace depends on specific roles. Would usually either work in a food production facility or in a test kitchen.
* Require collaboration and communication with fellow food scientists, technicians, customers, and government officials.

**Skills Required**

* Communication Skill
* Knowledge of a range of sciences and their applications to food
* Meticulous attention to detail, particularly with regard to health, safety and hygiene
* Good business, IT, analytical and numerical abilities

**Career progression data**

* Pathways :
  + Earn a bachelor degree in Food Scientists
  + Can be promoted further to Senior food scientist or as a food production manager
  + Can go into food product R&D.
* To become a food scientist, a bachelor’s degree is enough though further education (masters) can increase pay.

**Possible University Major**

* Bachelor’s degree in Food Science

**School subjects required**

* Biology
* Maths
* Chemistry