Microbiologist

**Job Description:** Microbiologists study microorganisms (microbes) to solve a range of problems affecting the environment, food and agriculture, our health, and climate.

**What does a Microbiologist do?**

* Develop new pharmaceutical products, vaccines, medicines and compounds such as antiseptics
* Provide laboratory services for health departments, for community environmental health programs, and for physicians needing information for diagnosis and treatment
* Collect samples from a variety of locations
* Write research papers, reports, and reviews
* Validate microbiological methods to meet client requirements, as appropriate
* Ensure data is recorded accurately in accordance with guidelines

**Outlook:**

Average Salary - $40.58 hourly, $84,400 annual

Projected Job Growth – 5.0% growth by 2030.

**Your Interests:**

* Are you interested in microscopic organisms?
* Do you enjoy working in a lab?
* Would you be interested in conducting research and discovering new information about microscopic organisms?

**Education/Program of Study:**

Entry level positions require at least a bachelor's degree with most research positions at colleges and universities requiring a Ph.D.

Possible degrees paths are microbiology, biology, and natural resources.