Biochemist

**Job Description:** Biochemists study the chemical and physical principles of living things and of biological processes, such as cell development, growth, heredity, and disease.

**What does a Biochemist do?**

* Plan and conduct complex projects in basic and applied research
* Manage laboratory teams and monitor the quality of their work
* Isolate, analyze, and synthesize proteins, fats, DNA, and other molecules
* Research the effects of substances such as drugs, hormones, and nutrients on tissues and biological processes
* Prepare technical reports, research papers, and recommendations based on their research findings
* Present research findings to scientists, engineers, and other colleagues
* Secure funding and write grant applications

**Outlook:**

Average Salary - $45.32 hourly, $94,270 annual

Projected Job Growth – 5.0% growth by 2030.

**Your Interests:**

* Are you interested in doing lab work on cells and chemicals at the molecular level?
* Are you interested in R&D work?
* Are you wanting to work in medicine or with biofuels?

**Education/Program of Study:**

Most research positions require a Ph.D; however, some entry level positions only require a bachelor’s or master’s degree.

Possible degree paths are biochemistry, biology, physical science, and engineering.