



# STEM Careers

## Geneticist

**Job Description:** Research and study the inheritance of traits at the molecular, organism, or population level. Geneticists may evaluate or treat patients with genetic disorders.

### What does a Geneticist do?

- Review, approve, or interpret genetic laboratory results
- Analyze the factors that are responsible for specific inherited traits, and devise methods of altering or developing new traits
- Plan or conduct basic genetic or biological research in relation to gene expression or parts of genes
- Evaluate, diagnose, and treat genetic diseases
- Conduct family medical studies to evaluate the genetic basis for traits or diseases
- Write grants or papers for funding for research
- Design and maintain genetics computer databases
- Collaborate with other professionals to conduct genetic and biochemical analyses

### Your Interests:

- Are you interested in how genes work and impact physical characteristics?
- Can you work well with computers and statistical data?
- Would you be interested in conducting research about genes and traits?

### Outlook:

Average Salary - \$39.68 hourly, \$82,530 annually  
Projected Job Openings - 4,200 over the next 10 years

### Education/Program of Study:

- Entry level positions require a master's degree, and eventually a doctorate with training.
  - Possible degree paths include biology, chemistry, genetics, and other related areas.