

# Bioinformatic Scientist

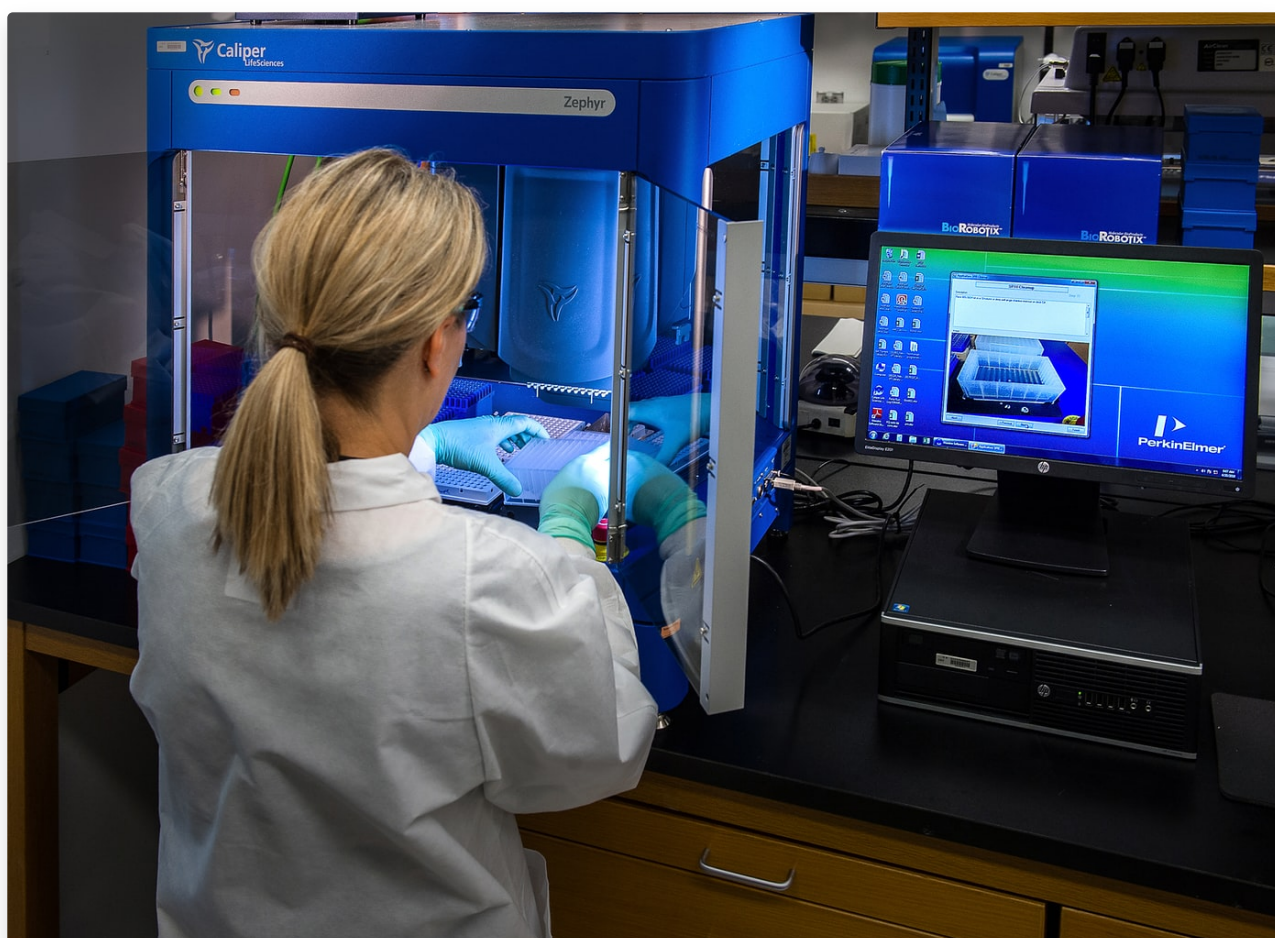
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## Textbook

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## Bioinformatic Scientist

Are you interested in biology or the study of life? Do you love understanding how things work? Do charts and patterns in data interest you? Maybe you should look into bioinformatics!



## What does a bioinformatic scientist do?

Advances in biology are requiring larger and larger data sets and more advanced computer programs. These advances in bioinformatics affect medicine, genetics, cures for diseases, and solutions for pandemics. Bioinformatics scientists use technology and computer science to find solutions to problems in the area of biology. They study biological and biochemical data at the molecular level by using computer software and hardware.

## What is a typical day like?

Bioinformatic scientists use computer languages to organize and analyze large data sets. They work closely with scientist teams to build programs that can handle the computations needed to further medical and scientific research. They plan and strategize the best way to organize the data sets to be able to find applicable patterns.

## What kind of training or schooling is required?

Bioinformatic scientists usually have a bachelor's degree in computer science and often have a master's degree.

## Job and Salary Outlook

Bioinformatics scientists make an average of \$38.52 an hour. That's \$80,120 a year. Between 2018 and 2028, the career is expected to grow 8% and produce 10,600 job opportunities across the U.S.

## Common Soft Skills

Interested in research

Good communicator

Ability to assimilate information from multiple disciplines

## Questions (1)

### 1. Did you read the textbook?

MULTIPLE CHOICE

Choose the correct answer:

- A. Yes
- B. No

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## Answer Keys & Solutions

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### Questions

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1. Did you read the textbook?

MULTIPLE CHOICE

Correct Answer:

A. Yes

✓ Correct

B. No

✗ Incorrect