BioCareer Pathway for **Bioinformatician**

Recent Graduates
- Minimum requirement is bachelor's degree in biology, molecular biology, or biochemistry, or in computer science. Many positions require a master's degree.

Career Change
Applied mathematics and several years of biology courses or entry level work.

Entry-level
Junior mathematical, statistical, scientific, or clinical position

1-2 Years
Bioinformatician, Bioinformatician I

2-6 Years
Bioinformatician II-III
(advancement within two years with a PhD, within 5-6 years with a bachelor's or master's)

7-10 Years
Lead Bioinformatician
(Requires a PhD)

Job Functions
(You may be responsible for more than one)

- Develops standards, guidelines and documentation for the data management team
- Responsible for data capture and analysis, laboratory automation, database mining, software development and scientific management systems
- Analyzes and interprets chemical and biological experimental data
- Collaborates with scientists, IT personnel, government agencies and executives

Actual job titles may vary slightly between organizations.

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