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.

**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

**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)

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

Actual job titles may vary slightly between organizations.