



# STEM Careers

## Scientific Illustrator

**Job Description:** Creates images to depict complex concepts, details, and subjects through visuals in a comprehensible way. Illustrations are often used for educational and instructional purposes.

### What does a Scientific Illustrator do?

- Uses scientific knowledge to create accurate and visually compelling illustrations
- Study various scientific disciplines, including but not limited to: biology, anatomy, entomology, astronomy, forensics, epidemiology, paleontology, botany, and more.
- Uses observatory skills in order to translate objects such as plants, animals, and humans, into anatomically accurate drawings
- Uses a variety of media and tools, such as digital or traditional art tools, in order to generate scientifically informed imagery
- May collaborate with educational institutions such as museums for exhibits to convey scientific knowledge to the general public
- Publish illustrations in textbooks and infographics for medical students, researchers, children, and the general public

### Your Interests:

- Are you good at drawing realistically?
- Do you like studying multiple scientific subjects?
- Are you creative?

### Outlook:

Average Salary - \$36.76 hourly, \$76,468 annually  
Projected Job Openings - 3,300 in the next 10 years

### Education/Program of Study:

- Most entry level positions require a bachelor's degree.
- Degree paths include scientific illustration, fine arts, biology, anatomy, botany, and other related fields.

Sources:

<https://www.fi.edu/blog/scientific-illustration-what-is-it>

<https://www.zippia.com/scientific-illustrator-jobs/>

<https://www.onetonline.org/link/summary/27-1013.00>