



# STEM Careers

## Pharmacist

**Job Description:** Distribute medications prescribed by health practitioners and provide information to patients about their use. May advise practitioners and patients on selection, dosage, and side effects of medications.

### What does a Pharmacist do?

- Review prescriptions and provide information regarding drug interactions, side effects, dosage, and proper medication storage
- Monitor patient compliance and prevent excessive usage or harmful side effects
- Evaluate the quality and effectiveness of drugs or drug regimens, providing advice on drug applications or characteristics
- Maintain procedures for mixing, packaging, or labeling of medications to ensure security and proper disposal
- Mix and dispense prescribed medications by calculating, weighing, measuring, and mixing ingredients
- Publish educational information for other pharmacists, practitioners, and patients

### Your Interests:

- Do you want to help others?
- Are you interested in medicine?
- Are you good at math?
- Do you have good communication skills?

### Outlook:

Average Salary - \$61.81 hourly, \$128,570 annually  
Projected Job Openings - 11,300 in the next 10 years

### Education/Program of Study:

- Entry level positions requires residency, exams and licensing, a doctorate degree, and specialized/continued pharmaceutical education
- Degree paths include medicinal chemistry, biology, and related fields

Sources:

<https://www.onetonline.org/link/summary/29-1051.00>

<https://www.northcentralcollege.edu/news/2020/12/11/pharmacist-education-requirements>