



Careers in the Licensed Professions

Professional Geologist

Professional geologists gather and interpret data about the Earth's physical structure, its history, and the processes that act upon it. Examples of services:

- create geological maps
- advise governments, industries, and the public on the natural processes that act upon the earth's materials
- predict and evaluate the occurrence of natural resources
- study and identify geological elements, including their hazards and usefulness to people

Education

Bachelor's degree in a geological sciences licensure qualifying program

OR

Bachelor's degree in a related science or engineering AND a master's or doctoral degree in geological sciences

Experience

At least 4 or 5 years of professional experience, based on education. All experience pathway requires 12 years of acceptable experience

Examination

ASBOG Fundamentals of Geology and Practice of Geology Exam

Salary and Projected Growth

- Median salary: \$81,430 in NY
- Salary range: \$57,310 - \$96,500;
Projected growth: average

Where Could I Work?

- Consulting
- Government
- Education
- Oil and gas exploration, mining
- Engineering and construction

Your Interests and Abilities

- Physics and chemistry
- Mathematics
- Technical writing
- Fieldwork

Professional Skills

- Attention to detail
- Analytical thinking
- Problem Solving
- Communication

