



# STEM Careers

## Agricultural Engineer

**Job Description:** Agricultural Engineers solve problems concerning power supplies, machine efficiency, the use of structures and facilities, pollution and environmental issues, and the storage and processing of agricultural products.

### What does a Agricultural Engineer do?

- Modify environmental factors that affect animal or crop production, such as airflow in a barn or runoff patterns on a field
- Oversee construction and production operations
- Plan and work together with clients, contractors, consultants, and other engineers to ensure effective and desirable outcomes
- Use computer software to design equipment, systems, or structures for agricultural needs

### Your Interests:

- Do you want to work with agriculture, farming, food processing, or forestry?
- Are you interest in solving problems related to agricultural waste disposal and production efficiency?

### Outlook:

Average Salary - \$40.58 hourly, \$84,410 annual  
Projected Job Growth - 5.0% growth by 2030.

### Education/Program of Study:

Most positions require a bachelor's degree  
Possible degree paths include agricultural engineering and biological engineering

Sources:

<https://www.bls.gov/ooh/architecture-and-engineering/agricultural-engineers.htm#tab-2>  
<https://datam.jrc.ec.europa.eu/datam/mashup/BIOECONOMICS/index.html>