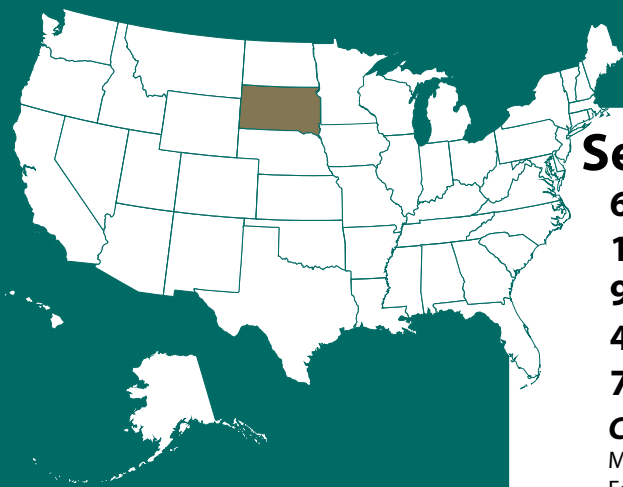


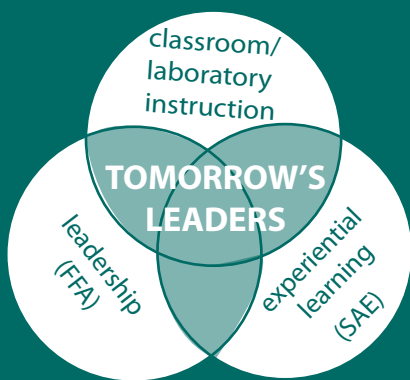
# Agricultural Education

## in South Dakota



Agricultural Education implements inquiry-based learning in the classroom and career exploration through work study and supervised agricultural experience programs. It develops leadership skills such as public speaking, teamwork, organization and civic service through the intracurricular implementation of FFA.

Students who participate in agricultural education programs graduate with the skills necessary to become productive citizens who will succeed in postsecondary education or the workforce.



For more information please visit  
[www.doe.sd.gov](http://www.doe.sd.gov) or  
[www.naae.org](http://www.naae.org)

## Secondary Education

**6,159** students in agriculture, food and natural resource courses

**102** agriculture teachers

**98** high school agricultural education programs

**43** middle school agricultural education programs

**72** students enrolled per program on average

### Courses offered

Middle School Introduction to Agriculture,  
Food and Natural Resources  
Introduction to Agriculture, Food and  
Natural Resources  
CASE Introduction to Agriculture, Food and  
Natural Resources  
Ag Processing Technology  
Food Science  
Agriculture Biotechnology  
CASE Animal and Plant Biotechnology  
Agriscience  
Horticulture  
Floriculture  
Landscape, Design and Maintenance  
Greenhouse Management  
CASE Principles of Agricultural Science-Animal  
Fundamentals of Animal Science

Advanced Animal Science  
Companion Animals  
CASE Principles of Agriculture Science- Plant  
Fundamental Ag Structures Technology  
Advanced Ag Structures Technology  
Fundamental Ag Mechanics  
Ag Metal Fabrication  
Ag Power Technology  
Natural Resources  
CASE Natural Resources and Ecology  
Wildlife and Fisheries  
Environmental Science  
Ag Business, Sales and Marketing  
Agribusiness Entrepreneurship  
Agriculture Communications  
Leadership and Personal Development

## Postsecondary & Adult

### Postsecondary Agriculture Programs

- **5** four-year colleges and technical schools offering postsecondary agriculture courses.
- Currently, there are **47** agriculture or related majors in the state. South Dakota State University offers a pre-service agricultural education certification program.

## Economic Impact of Agriculture

- Agriculture is South Dakota's **#1** industry and has a **\$25.6 billion** impact each year.
- Production agriculture and its value-added industries generate 20% of the state's economic activity and employs over **115,000** South Dakotans.
- The **graduation rate** of South Dakota students who have taken **2 or more** credits in the Agriculture, Food and Natural Resources career cluster is **98%**.
- After graduation 96% of those students will go into the following areas; four-year postsecondary (47%), technical institute (32%), employment (11%), military (4%) and advanced training (2%).