



## WHAT CAN I DO WITH A MAJOR IN... APPLIED SCIENCE

### Description of Major

A Bachelor of Applied Science allows students to apply their technical education credits earned from a community college or the military to a bachelor's degree. Online, in-person, and hybrid learning options with individualized degree plans provide flexibility for working adults and transfer students from a variety of technical degree backgrounds. Students may utilize up to three specific emphasis areas to complete the degree program requirements. For more information on this major, visit [www.msstate.edu/bas](http://www.msstate.edu/bas) or call 662-325-1768.

### Possible Job Titles\*

Applied Scientist  
Software Engineer  
Laboratory Technician  
Quality Control Analyst  
Process Engineer  
Industrial Technologist  
Biomedical Engineer  
Health and Safety Specialist  
Environmental Consultant

Building Services Engineer  
Materials Scientist  
Data Analyst  
Agricultural Technologist  
Environmental Health Specialist  
Information Technology Specialist  
Manufacturing Engineer  
Energy Analyst  
Project Coordinator/Manager

### Possible Employment Settings/Fields\*

Aerospace and Defense  
Consulting Firms  
Construction Agencies  
Education and Research Institutions  
Engineering and Manufacturing Companies  
Engineering Technology  
Environmental Agencies  
Food and Beverage Industries

Government Agencies  
Healthcare Institutions  
Manufacturing Companies  
Non-profit Organizations  
Pharmaceuticals and Biotechnology Companies  
Technology and IT Companies

### Job Search Websites\*

The following links are excellent resources on specific careers such as those listed above:

- **Connections:** <https://msstate-csm.symplicity.com/>
  - **Careershift** – Under "Resources" tab
  - **GoinGlobal** – Under "Resources" tab
- **LinkedIn:** <https://www.linkedin.com>
- **O-net:** <https://www.onetonline.org/>
- **USAJOBS:** <https://www.usajobs.gov/>

### Campus Involvement\*

The following links are excellent resources on how to get involved on the MSU campus:

- **Bulldog Mentor Program:** <https://bulldognetwork.msstate.edu/v2>
- **Cowbell Connect:** <https://msstate.campuslabs.com/engage/>
- **Student Research:** <https://www.datascience.msstate.edu/research/student-research>

\*Note: These lists are not comprehensive.