



# MISSISSIPPI STATE UNIVERSITY™

## CAREER CENTER

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

#### Biosystem Engineering

##### Description of Major

A Bachelor of Science in Biosystem Engineering (formerly biological engineering) helps students prepare for careers in which they apply engineering principles to biological systems. We have a solid base of traditional engineering courses mixed with exposure in chemistry/biochemistry and the biological sciences. The electives in the BE program allow the student to focus an emphasis in biomedical engineering, environmental engineering, precision agriculture, or premedical studies.

Undergraduate Biosystems Engineering students may choose the base biosystems engineering or from the following concentration and emphasis areas: biosystems, environmental, or precision agriculture/agricultural systems.

For more information on this major, visit [www.abe.msstate.edu](http://www.abe.msstate.edu), stop by J. Charles Lee Agricultural & Biological Engineering Building or call 662-325-3282.

##### Possible Job Titles\*

Associate Clinical Specialist

Environmental Engineer

Microbiology Laboratory Specialist

Associate Process Control

Profess Engineer

Field Engineer

##### Possible Employers\*

##### 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/>
- *Add other major-specific student orgs as you wish*

\*Note: These lists are not comprehensive.