MISSISSIPPI STATE UNIVERSITY™
CAREER CENTER

WHAT CAN I DO WITH A MAJOR IN…

INDUSTRIAL ENGINEERING

Description of Major

A Bachelor of Science Industrial and systems engineering (ISE) is concerned with designing and improving systems to make products or provide services. ISE looks at the "big picture" of what makes organizations work best. Students in the Department of Industrial and Systems Engineering learn and research how to design, improve, and control systems of people, materials, information, equipment, energy, and capital to increase quality, safety, and profitability. Industrial and systems engineers provide innovative solutions to the complex problems faced by virtually all enterprises operating in today's global economy.

For more information on this major, visit www.ise.msstate.edu, stop by McCain Hall or call 662-325-7950.

Possible Job Titles*

Design Engineer	Logistics Engineer
Manufacturing Engineer	CAD Designer
Process Engineer	Quality Engineer
Risk Analyst	Test Supervisor
Consultant System Analyst	Industrial Power Engineer

Possible Employers*

American Cast Iron Pipe Co.	*Baxter*
DisneyWorld	*Ford Motor Company*
Huntington Ingalls Industries	*IBM Corporation*
Sony	*United Parcel Service*
Hunter Fan company	*International Paper Company*

Job Search Websites*

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

- **Connections:** https://msstate-csm.symplicity.com/
  - **Career*shift* -** 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.