

# MANAGEMENT INFORMATION SYSTEMS

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

[ CONCENTRATIONS: INFORMATION ASSURANCE, DATA SCIENCE ]

## WHY MIS?

The MIS degree focuses on the business applications of information technology. This includes emphasizing necessary skills required in the analysis, development, evaluation, and implementation of various information and communication technologies critical in today's interconnected business world.

## DEPARTMENT HIGHLIGHTS

- National Center of Academic Excellence in Cyber Security Education
- Information Security and Assurance Club
- MIS is a practical, applied STEM focused technical degree that develops project and team-based skills.

## MAJOR SPECIFIC COURSE CURRICULUM

### Web Application Development

- Develop data-driven web applications
- Use database development, server-side business logic, and advanced user interface design

### Mobile Application Development

- Develop mobile applications
- Project-based, hands-on, capstone approach to development

### System Analysis & Design

- Use of Agile Processes critical to today's organizations
- Critical skills in modeling data, processes, and objects

### Information Assurance

- Indepth analysis on Cyber Security and its impacts on organizations
- Leads to more specialized classes such as Ethical Hacking, Secure Systems Auditing, etc.

“Management Information Systems has given me the technical skills suited for the business world. As an MIS major, you focus more on developing than programming and use your development tools to create and manage different systems such as networks and databases. The computer skills gained from MIS has been an extremely marketable and highly demanded skill when it has come to internships and job openings, and I'm excited to take the knowledge I've gained from Spears Business to my future endeavors.

- Neil Allen



[business.okstate.edu](http://business.okstate.edu)



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## CAREER INDUSTRIES & FOCUS AREAS

### Systems Development

- Information systems design
- System integration and implementation
- Systems analyst
- Database administration

### Internet

- Programming
- Software design
- Website/mobile app design

### Business Focus

- Business analyst
- Project management
- Product support

### Security/Network Technology

- Network communications specialist
- Information assurance analyst
- IT infrastructure design and support

## STARTING SALARY

Average | \$53,250

## CAREER RESOURCES FOR MIS MAJORS

OSU Career Services	<a href="http://hireosugrads.com">hireosugrads.com</a>
Tech Jobs	<a href="http://dice.com">dice.com</a>
Indeed	<a href="http://indeed.com">indeed.com</a>
Simply Hired	<a href="http://simplyhired.com">simplyhired.com</a>
I Crunch Data	<a href="http://computerworld.com">computerworld.com</a>
Information Week	<a href="http://informationweek.com">informationweek.com</a>
Intern Match	<a href="http://internmatch.com">internmatch.com</a>
The Association for Information Technology Professionals	<a href="http://aitp.org">aitp.org</a>
Association for Information Systems	<a href="http://aisnet.org">aisnet.org</a>

## SAMPLE COMPANIES HIRING MIS MAJORS

Amazon | American Airlines Inc. | Apple | Cerner | Chesapeake  
 EnergyComcast Corp. | ConocoPhillips | Dell | Devon Energy Ernst &  
 Young | ExxonMobil | Google | Grant Thornton | Hilti  
 Iowa Tribe of Oklahoma | ISNetwork | J.B. Hunt | Koch Industries  
 Logix Communications | Love's Travel Stops | ONEOK | Paycom  
 Phillips 66 | Sonic | SST Software | Stinnett & Associates | Target  
 Textron | UPS | USAA | Williams

## ON TO THE REAL WORLD!

Post-graduation data was gathered on 83.5% of the 1,255 students who graduated with a BSBA degree in 2016 and it was reported that ...

- 92% had employment or job offers within three months of graduation (does not include students who were going on to graduate school, had other plans, or were not seeking jobs)
- The average reported salary was \$50,048 for all Spears Business undergraduates
- 11.2% of all students reporting were going on for advanced degrees