



Did you know?

2018 Business Information Systems Program graduates report impressive average salary.¹

The Arkansas state 2018 Economic Security Report (employment and earnings outcomes) identifies the full-time average wages of undergraduate UA Little Rock BIS graduates to be approximately \$50,000. Salaries for IT managers in the state are \$100,000+.

Information Technology (IT) is one of the 14 targeted high growth industries for the state of Arkansas as identified by the Arkansas Economic Development Commission (AEDC).²

IT has been characterized as a high-growth, high-demand sector of the U.S. economy; strategic initiatives are being undertaken throughout the U.S. to prepare the workforce to fill these economically vital IT jobs. The Arkansas Economic Development Commission reports that the current IT graduation rate will meet demand for only 14.6% of open IT jobs in the state.

Employment of information systems managers expected to increase 15 percent from 2014 to 2024.³

*Job opportunities will be best for applicants with computer-related work experience; a master's degree in business administration (MBA) with technology as a core component or a **business information systems degree** (MS in BIS) and strong communication and administrative skills are in increasing demand.*⁴ Annual mean wage for this position in Arkansas is \$107,230.⁵

Analytics/Business Intelligence Investments Reported as Top Investment by IT Leaders.⁶

*The 38th Society for Information Management annual study, surveying over 5,000 IT leaders in the U.S., reported in 2018 that Analytics/Business Intelligence/Data Mining/Forecasting/Big Data investments were the #1 information technology investment.*⁶ PwC projects that 2.7 million jobs will be posted for analytics positions in the U.S. by 2020.⁷

The demand for business analytics professionals is 50 to 60 percent greater than the U.S. can supply.

*The McKinsey global Institute projects that by 2018 the United States alone will face a shortage of 140,000 to 190,000 professionals with advanced data analytics skills and a shortage of 1.5 million managers and analysts who can incorporate big data analytics into decision making.*⁸

BUSINESS INFORMATION SYSTEMS

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- 1- 2018 Economic Security Report, Arkansas Department of Workforce Services
- 2- Arkansas Department of Workforce Services, <http://www.discoverarkansas.net/?PAGEID=67&SUBID=152>
- 3- U.S. Bureau of Labor Statistics, <http://www.bls.gov/ooh/Management/Computer-and-information-systems-managers.htm#tab-6>
- 4- U.S. Bureau of Labor Statistics, <http://www.bls.gov/ooh/Management/Computer-and-information-systems-managers.htm#tab-4>
- 5- U.S. Bureau of Labor Statistics, <http://www.bls.gov/oes/current/oes113021.htm>
- 6- Society for Information Management annual study of IT managers, 2018.
- 7- What's next for the data science and analytics job market? PwC, 2018, <https://www.pwc.com/us/en/library/data-science-and-analytics.html>
- 8- Manyika, J., Chui, M., Brown, B. Bughin, J., Dobbs, R., Roxburgh, C., & Byers, A. (2011). Big data: The next frontier for innovation, competition, and productivity. Retrieved from McKinsey Global Institute Online.