The Master of Science in Computer and Information Science (MCIS) is designed to accommodate students from a wide variety of backgrounds and to allow for flexible scheduling of coursework. The curriculum emphasizes Web-based and database technologies that are essential for information systems in industry. Southern Arkansas University’s MCIS program will provide students the knowledge and training needed for future professional growth and successful careers in CIS. A few of the specific career tracks anticipated for graduates include Information System Project Management, System Analyst and Design or Development Specialist, Database Administrators, and pre-Ph.D. and M.D. Research Assistant Data Managers. The MCIS program requirements can be completed on an accelerated time table of just 1.5 years or the student may complete the program requirements at their own pace and study may begin any semester.

Delivery of Courses
The requirements can be met either completely online or in residence at SAU-Magnolia in a face-to-face, in-class learning environment. The courses that will be delivered at SAU-Magnolia will be a mixture of in-class and online offerings. A majority of the courses will be available for face-to-face in each semester which will meet the international residence requirements. There are no prerequisites in the MCIS curriculum. You can begin your study any semester and take courses at your own pace.

Contact Information
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Undergraduate Requirements
MCIS program applicants should have a bachelor’s degree in computer science or a related field. Students with a bachelor’s degree in other areas will be considered, but may be required to demonstrate basic mathematics and computer programming knowledge for placement purposes.

Courses Available
- MCIS 5103 Advanced Programming Concepts
- MCIS 5113 Web Technology
- MCIS 5413 Web Programming
- MCIS 5133 Database Management Systems
- MCIS 5003 Survey of Information Tech with Applications
- MCIS 5013 The UNIX Operating System
- MCIS 5153 Design and Analysis of Web-based Information System
- MCIS 6153 Software Engineering
- MCIS 6123 Decision Support Systems
- MCIS 6133 User Interface Implementation
- MCIS 6143 Web Application and Web Services
- MCIS 6163 Computer Networking
- MCIS 6173 Networking Security
- MCIS 6183 Special Topics