

You are here: SAU Home / Academics / [Science and Engineering \(https://web.saumag.edu/science/\)](https://web.saumag.edu/science/) / [Mathematics & Computer Science \(https://web.saumag.edu/science/mathematics/\)](https://web.saumag.edu/science/mathematics/) / Master of Computer and Information Science



## Master of Computer and Information Science

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 [COURSES](#)

 [CATALOG](#)

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 [ADVISORS](#)

## Specific Degree Requirements

Each candidate for the Master of Science in Computer and Information Science degree must complete a minimum of 30 semester hours of coursework.

### Core Courses (12 hours)

MCIS 5103 Advanced Programming Concepts

MCIS 5113 Web Technology

MCIS 5413 Web Programming

MCIS 5133 Data Base Management Systems

### Choose 18 hours from the following:

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 6243 Wireless and Mobile Security\*  
MCIS 6223 Risk Analysis and Infrastructure\*  
MCIS 6213 Applied Cryptography\*  
MCIS 6233 Computer Forensics\*  
MCIS 6183 Special Topics

**\*Required for emphasis in Cyber Security and Information Assurance**

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Southern Arkansas University's Master of Science in Computer and Information Science was recently ranked among the nation's top MCIS programs by GoGrad.org. [Read more](https://web.saumag.edu/news/2015/03/19/sau-mcis-program-ranked-nationally-and-getting-attention) (<https://web.saumag.edu/news/2015/03/19/sau-mcis-program-ranked-nationally-and-getting-attention>).

## FOR MORE INFORMATION

[Dr. Md Karim](https://web.saumag.edu/directory/contact/karim-md/) (<https://web.saumag.edu/directory/contact/karim-md/>)

Associate Professor of Computer Science

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## ANNOUNCEMENTS

[MCIS Seminar Announcement \(https://web.saumag.edu/science/departments/mathematics/mcis-2/mcis-seminars/\)](https://web.saumag.edu/science/departments/mathematics/mcis-2/mcis-seminars/)

[MCIS Graduates Success Stories \(https://web.saumag.edu/science/departments/mathematics/mcis-2/mcis-success-stories/\)](https://web.saumag.edu/science/departments/mathematics/mcis-2/mcis-success-stories/)

[MCIS Internship Programs \(https://web.saumag.edu/science/departments/mathematics/mcis-2/mcis-internship-programs/\)](https://web.saumag.edu/science/departments/mathematics/mcis-2/mcis-internship-programs/)

[Community Outreach \(https://web.saumag.edu/science/outreach/\)](https://web.saumag.edu/science/outreach/)

## INTERNATIONAL STUDENT RESOURCES

[International Graduate Admissions \(https://web.saumag.edu/international/admission/graduate/\)](https://web.saumag.edu/international/admission/graduate/)

[Approximate Cost of Attending \(https://web.saumag.edu/international/cost/\)](https://web.saumag.edu/international/cost/)

[International Student Association \(https://web.saumag.edu/international/activities/isa/\)](https://web.saumag.edu/international/activities/isa/)

[Facilities and Activities \(https://web.saumag.edu/international/activities/\)](https://web.saumag.edu/international/activities/)

[ESL \(https://web.saumag.edu/esl/\)](https://web.saumag.edu/esl/)

[Advising F1 International Students \(https://web.saumag.edu/science/files/2014/10/Advising-F1-International-Students.pdf\)](https://web.saumag.edu/science/files/2014/10/Advising-F1-International-Students.pdf)

[Helpful Hands from International Student Ambassador \(https://web.saumag.edu/science/files/2014/10/Helpful-Hands-From-International-Student-Ambassador.pdf\)](https://web.saumag.edu/science/files/2014/10/Helpful-Hands-From-International-Student-Ambassador.pdf)

[Questions about Transfer Credit \(https://web.saumag.edu/directory/contact/karim-md/\)](https://web.saumag.edu/directory/contact/karim-md/)

[General Questions and Assistance \(https://web.saumag.edu/directory/contact/karim-md/\)](https://web.saumag.edu/directory/contact/karim-md/)

## EVENTS

[MCIS Cricket Cup 2015 \(https://web.saumag.edu/event/mcis-cricket-cup-2015/\)](https://web.saumag.edu/event/mcis-cricket-cup-2015/)

For industry partnerships,  
interns, consulting in science,  
engineering and computer  
science:

### Contact Us

[\(/science/nrrc/contact/\)](https://science/nrrc/contact/)

## Department Chairs

Agriculture - [Dr. Jeffry Miller \(/directory/contact/miller-jeff/\)](https://web.saumag.edu/directory/contact/miller-jeff/)

Biology - [Dr. Jesse Filbrun \(/directory/contact/filbrun-jesse/\)](https://web.saumag.edu/directory/contact/filbrun-jesse/)  
[\(https://mysau.saumag.edu/ICS/Course\\_Search/\)](https://mysau.saumag.edu/ICS/Course_Search/)

### Course Schedules

## Contact Us

[Dr. Scott McKay \(/directory/contact/mckay-dr-scott/\)](https://web.saumag.edu/directory/contact/mckay-dr-scott/)

dean

[Sarajane Telford \(/directory/contact/telford-sarajane/\)](https://web.saumag.edu/directory/contact/telford-sarajane/)

administrative  
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[Abdel Bachri](#)

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Math & Computer Science -

[Dr. Scott McKay, Interim](#)

[\(/directory/contact/mckay-dr-scott/\)](/directory/contact/mckay-dr-scott/)

Nursing - [Dr. Brenda Trigg](#)

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