Parker University is a nonprofit, regionally accredited university offering an online Bachelor of Science with a major in Computer Information Systems (BS-CIS) program that prepares students to manage and secure the workplace now and in the years ahead. Whether it’s a career in storing and securing private information or providing rapid solutions to internal and external threats, graduates of Parker’s BS-CIS programs stand ready to face the important challenges this fast-growing field presents.

PARKER’S COMPUTER INFORMATION SYSTEMS PROGRAMS CONSIST OF:

- A new enrollment period each month
- Fully online classes
- A total of 120 credit hours
  - 42 credit hours of general education courses
  - 60 credit hours of major core courses
  - 18 credit hours of concentration courses

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<tr>
<th>INFORMATION TECHNOLOGY</th>
<th>CYBERSECURITY</th>
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<tr>
<td>Develop a broad understanding of information systems and strong problem-solving and analytical skills as you build your ability to think creatively and logically.</td>
<td>Evaluate an organization’s computer network and information security needs.</td>
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<tr>
<td>Apply mathematical and computing concepts to support programming logic, functions, data structures, and database access.</td>
<td>Assess risk management policies to best protect an organization’s critical information and assets.</td>
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<td>Analyze a problem to identify and define the computing requirements appropriate to its solution.</td>
<td>Troubleshoot, maintain, and measure the performance of an enterprise level information security system.</td>
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<tr>
<td>Implement the design of a computer-based system, process, component, or program.</td>
<td>Implement continuous network monitoring and provide real-time security solutions.</td>
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<tr>
<td>Formulate and communicate both short- and long-term organizational cybersecurity strategies and policies.</td>
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WHERE DO BS-CIS PROFESSIONALS WORK?

Behind the scenes of businesses, government agencies, and health care organizations across the world, the need for more business-oriented tech specialists has become increasingly clear.

Information technology professionals work with all levels of organizations that plan, coordinate, and manage computer-related activities and initiatives. Cybersecurity professionals plan and carry out security measures to protect an organization’s computer networks and systems. Both professions’ responsibilities are continually expanding as additional data and cyber-attacks increase in both the public and private sector.

CAREER OUTLETS FOR PARKER UNIVERSITY’S BS-CIS GRADUATES INCLUDE:

- Computer programmers
- Hardware engineers
- Information security analysts
- Network security
- Software developers
- IT managers

WHAT IS THE CAREER OUTLOOK FOR BS-CIS PROFESSIONALS?

EMPHASIS IN INFORMATION TECHNOLOGY¹:

50,900 JOBS

a 10-year growth of 15%

more than 50,900 relevant jobs to be filled between 2012 and 2022

$120,950 a median salary of $120,950

EMPHASIS IN CYBERSECURITY²:

27,000 JOBS

a 10-year growth of 37%

more than 27,000 relevant jobs to be filled between 2012 and 2022

$86,170 a median salary of $86,170