COMPUTER AND INFORMATION SYSTEMS

BACHELOR OF SCIENCE (B.S.)

Are you a problem-solver with an affinity for technology? Do you have an analytical mind and a knack for understanding complex systems? If so, our Computer and Information Systems (CIS) program might be the perfect fit for you.

In our CIS program, you will gain hands-on experience in areas such as software development, database management, networking, cybersecurity, and data analytics. You will learn how to develop and implement computer systems that help organizations operate efficiently and securely.

OPPORTUNITIES AT KING'S COLLEGE

At King's, we empower our students to take charge of their career paths, achieve their goals, and prepare for a successful future. Our curriculum combines technical skills with critical thinking, allowing you to tackle complex problems in real-world scenarios. As technology continues to evolve, so do the opportunities for skilled CIS professionals who can adapt and lead in various industries, which is why we offer several degree pathways.

Our **B.S. in Computer and Information Systems with a minor in Data Analytics** is ideal for those interested in new technologies, program and application design, network management, or data analysis to uncover trends. Our **B.S. in Computer and Information Systems - Business with a minor in Data Analytics** offers a blend of CIS and business coursework. Students can also add minors in business administration, marketing, finance, computer science, or mathematics.

The King's CIS program is also unique in that it connects you directly with actual enterprise software, you can earn certifications through project-based assignments, and you can participate in our job shadowing program with IT professionals in the field. Plus, our small class sizes foster close relationships that promote your success.

JACKSON MARCANTONIO '25
CIS - Business

The CIS Business program gave me a strong foundation in technical skills and essential business knowledge. The hands-on approach and supportive faculty helped me build valuable connections leading to internships where I could apply what I learned in the classroom to solving real-world business challenges. King's College has truly prepared me to make an impact in any business environment.

KING'S COLLEGE
TRANSFORMATION. COMMUNITY. *HOLY CROSS.*

CAREER OPPORTUNITIES

The increasing reliance on cloud computing, the collection and storage of big data, and the rising importance of cybersecurity create strong demand for qualified CIS professionals. The College's CIS program opens the door to a variety of rewarding career paths, and CIS professionals enjoy competitive salaries, with many roles offering above-average compensation.

CIS graduates are needed in nearly every industry— including technology and IT services, finance and banking, healthcare, government and defense, education, and retail to name a few—with jobs such as:

- Systems Analyst
- Database Manager
- Cybersecurity Analyst
- Software Developer
- Network Administrator
- IT Consultant
- Cloud Solutions Architect

DEGREE REQUIREMENTS

REQUIRED COURSES
CIS 106 IT Methods & Procedures (3 credits)
CIS 116 Programming I (3 credits)
CIS 117 Programming II (3 credits)
CIS 119 Spreadsheet Analysis (3 credits)
CIS 244 Structured Programming (3 credits)
CIS 251 WEB-based Information Systems (3 credits)
CIS 255 Geographic Information Systems (3 credits)
CIS 351 Sys. Analysis, Design, and Implementation I (3 credits)
CIS 352 Sys. Analysis, Design, and Implementation II (3 credits)
CIS 356 Database Management Systems (3 credits)
CIS 385 Data Communications I (3 credits)
CIS 386 Data Communications II (3 credits)
CIS 471 Global Information Systems (3 credits)
CIS 472 IT Project Management (3 credits)
CIS 487 Network Security (3 credits)
CIS 499 CIS Internship (3 credits)
MATH 123 Finite Mathematics (3 credits)
MSB 110 Introduction to Financial Reporting (3 credits)
MSB 120 Intro. to Mgmt. Accounting and Planning (3 credits)

One of the following:
ECON 221 Statistics for Economics and Business (3)
MATH 126 Introduction to Statistics (3)

MINOR TRACKS OFFERED
Visit **kings.edu/cis** to see minor track sequence requirements for the following 12-13 credit minor tracks:

Business
Data Communication/Networking
Programming
Information Systems

15%

JOB GROWTH PROJECTED BY THE BUREAU OF LABOR STATISTICS

$100,000+

OVERALL MEDIAN ANNUAL SALARY

CONTACT US

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