COMPUTER AND INFORMATION SYSTEMS

MINOR CONCENTRATION

A minor concentration requires a minimum of six courses, representing at least eighteen credits, in the minor field of study. In addition, a department may add academic prerequisites or requirements in related fields, but the total will not exceed 60% of the department's major program requirements. Minor requirements are listed under departmental entries. In order to complete requirements for a minor, the student must take the majority of credits in the minor field at King's. Minor areas of concentration (minors) are permitted, but not required.

Monitoring of student progress in pursuing a minor in **Computer and Information Systems** is necessary to enhance the student learning experience. Therefore, a written declaration must be submitted by the student to the Registrar.

Minor Requirements *(6 courses)*	Credits
CIS 110 Introduction to Business Information System (fall and spring)	3
CIS 119 Spreadsheet Analysis (spring only)	3
Choose one of the suggested tracks below for the remaining four courses	12-13

Recommended/Suggested Tracks:

Business:

CIS 351	System Analysis, Design, & Implementation I (fall only)	3
CIS 352	System Analysis, Design, & Implementation II (spring only)	3
CIS 471	Information Systems Security and Assurance (fall only)	3
CIS 472	IT Project Management (spring only)	3

Cyber:

CIS 385	Cyber Network Foundations (fall only)	3
CIS 386	Advanced Cyber Networks and Security (spring only)	3
CIS 471	Information Systems Security and Assurance (fall only)	3
CIS 487	Enterprise Cyber Security (fall only)	3

Programming:

CIS 116	Programming I (fall only)	3
CIS 117	Programming II (spring only)	3
CIS 244	Structured Programming (fall only)	3
CIS 356	Database Management Systems (fall only)	3
CS 256L	Database Management Systems Lab (fall only)	1

Information Systems:

CIS 106	IT Methods and Procedures (fall only)	3
CIS 251	WEB-based Information Systems (spring only)	3
CIS 255	Geographic Information Systems (spring only)	3
CIS 471	Information Systems Security and Assurance (fall only)	3

For more information regarding the **Computer and Information Systems (CIS)** minor including but not limited to course descriptions, elective requirements, and department chairpersons, please visit the online college course catalog