Computer and Information Systems - Business
Bachelor of Science (BS.CIS(BUS))

Core Requirements				Credits	Notes/Instructions
College Sem.		Quest for Meaning	CSEM 100	3	†A student may be required to take ENGL 105 and/or MATH 100 based on placement exams administered prior to their first semester at King's College. ENGL 105 and MATH 100 are 3-credit courses and will count as free electives.
Communication & Creative Expression		Writing	ENGL 110†	3	
		Oral Communication	COMM 101	3	
		Literature	ENGL 140-149	3	
		The Arts	ARTS 100-149	3	
Citizenship		History	HIST 100-149	3	
		Intercultural	FREN/GERM/SPAN 100-level or Study Abroad††	3	††The Intercultural Competence requirement can be satisfied by taking a 100-level language class for 3 credits or participating in an approved Study Abroad experience. (See college catalog for more information)
		Global Connections	ECON 150-199; GEOG 150-199; HIST 150-199; PS 150-199; SOC 150-199	3	
Quantitative & Scientific Reasoning	SBM	Quantitative Reasoning	MATH 120† or higher level	-	
		Scientific Endeavor	NSCI 100	3	
		Science in Context	NSCI 171-199	3	
	SBM	Human Beh. & Soc. Inst	**ECON 111, 112**; GEOG 101, 102; PS 101, PSYC 101, SOC 101	-	SBM = Satisfied By Major requirement(s) and credit(s) listed below.
Wisdom, Faith, & the Good Life		Introduction to Phil.	PHIL 101	3	
		Phil. Investigations	PHIL 170-199; **MSB 287**[3]	3	
		Theology & Wisdom	THEO 150-159	3	
		Theology & the Good Life	THEO 160-169	3	
			Total Core Credits	**42**	

Major Requirements	Credits
CIS 106 IT Methods & Procedures *(fall only)*	3
CIS 116 Programming I *(fall only)*	3
CIS 117 Programming II *(spring only)*	3
CIS 119 Spreadsheet Analysis *(spring only)*	3
CIS 244 Structured Programming *(fall only)*	3
CIS 251 WEB-based Info. Systems *(spring only)*	3
CIS 255 Geographic Info. Systems *(fall only)*	3
CIS 351 Syst. Analysis, Design, & Impl. I *(fall only)*	3
CIS 352[PR] Syst. Analysis, Design, & Impl. II *(sp only)*	3
CIS 356 Database Management Syst. *(fall only)*	3
CIS 385 Data Communications I *(fall only)*	3
CIS 386[PR] Data Communications II *(spring only)*	3
CIS 471 Global Information Systems* *(fall only)*	3
CIS 472 IT Project Management *(spring only)*	3
CIS 487 Network Security *(fall only)*	3
MATH 123[2] Finite Mathematics	3
MSB 110 Intro. To Financial Reporting	3
MSB 120[PR] Intro. to Management Acct. & Plan.	3
ECON 221 Statistics and Predictive Analytics	3

Other Requirements	
HCE 101 Holy Cross Experience	1

Business Requirements	Credits
ECON 111[2] Introduction to Macroeconomics	3
ECON 112[2] Introduction to Microeconomics	3
MSB 200 Principles of Management	3
MSB 210 Principles of Marketing	3
MSB 220 Financial Management	3
Business Elective 1[4]	3
Business Elective 2[4]	3

Total Major & Other Credits	**58**	**Business Credits**	**21**

Total Credits Required for Graduation = 121

* CIS 499 Internship may be substituted for CIS 471 Global Information Systems

General Information:
A student must earn a minimum of 120 credit hours to be awarded the baccalaureate degree. The number of credit hours required for graduation may be higher in certain major programs **or** if the student elects to pursue a second major. Beyond the requirements of the Core Curriculum and of a student's chosen major program, the balances of the credit hours required for graduation are "free electives."

See reverse side for a suggested sequence

Effective 07/01/24

Computer and Information Systems - Business
Suggested Sequence

A suggested course sequence of degree requirements is listed below. Refer to the college catalog for course titles, descriptions, and prerequisites. Always consult your Academic Advisor when planning and scheduling your classes.

Fall	Credits	Spring	Credits
CIS 106 IT Methods & Procedures (fall only)	3	CIS 119 Spreadsheet Analysis (spring only)	3
CIS 116 Programming I (fall only)	3	CIS 117 Programming II (spring only)	3
MSB 110 Intro. To Financial Reporting	3	MSB 120^{PR} Intro. to Management Acct. & Plan.	3
MATH 123^2 Finite Mathematics	3	Core Course^1 (ARTS 100-149)	3
Core Course^1 (ENGL 110 Academic Writing)	3	Core Course^1 (CSEM 100 Quest for Meaning)	3
HCE 101 Holy Cross Experience	1		
	16		**15**

Summer	Credits		

Fall	Credits	Spring	Credits
CIS 244 Structured Programming (fall only)	3	CIS 251 WEB-based Info. Systems (spring only)	3
CIS 255 Geographic Info. Systems (fall only)	3	ECON 221 Statistics and Predictive Analytics	3
ECON 111^2 Introduction to Macroeconomics	3	MSB 210 Principles of Marketing	3
MSB 200 Principles of Management	3	ECON 112^2 Introduction to Microeconomics	3
Core Course^1	3	Core Course^1	3
	15		**15**

Summer	Credits		

Fall	Credits	Spring	Credits
CIS 351 Syst. Analysis, Design, & Impl. I (fall only)	3	CIS 352^{PR} Syst. Analysis, Design, & Impl. II (sp. only)	3
CIS 385 Data Communications I (fall only)	3	CIS 386^{PR} Data Communications II (spring only)	3
CIS 356 Database Management Syst. (fall only)	3	Core Course^1	3
MSB 220^{PR} Financial Management	3	Core Course^1	3
Core Course^1	3	Core Course^1	3
	15		**15**

Summer	Credits		

Fall	Credits	Spring	Credits
CIS 471 Global Information Systems (fall only)	3	CIS 472 IT Project Management (spring only)	3
CIS 487 Network Security (fall only)	3	Business Elective 2^4	3
Business Elective 1^4	3	Core Course^1	3
Core Course^1	3	Core Course^1	3
Core Course^1	3	Core Course^1	3
	15		**15**

Total Credits Required for Graduation = 121

NOTES:

^{1}Choose one course from each of the Core Requirements listed on the reverse side.

^{2}Course may satisfy both a Major and a Core requirement. MATH 123 will satisfy the Quantitative Reasoning Core requirement.

^{3}Students are encouraged to take MSB 287 – Business Ethics to fulfill the Philosophical Investigation Core requirement.

^{4}Computer and Information Systems students are encouraged to pursue the following Fall/Spring course sequences to fulfill the Business Elective 1 and 2 requirements:

- Technology Management: BUS 363 – Operations Management and BUS 435 – Global Innovation, Technology & Entrepreneurship
- Manufacturing & Operations Management: MKT 385 – Global Supply Chain Management and BUS 363 – Operations Management
- Marketing: MKT 330 – Selling Strategies and MKT 390 – International Marketing
- Entrepreneurship: BUS 330 –Selling Strategies and BUS 435 – Global Innovation, Technology & Entrepreneurship
- Accounting: ACCT 115/L – Introduction to Financial Accounting II w/ Lab and ACCT 240 – Intermediate Accounting I

^{PR} Course has a prerequisite – check college catalog.