

# COMPUTER INFORMATION SYSTEMS – BUSINESS

BACHELOR OF SCIENCE (B.S.)

CORE Requirements	Credits	Computer Information Systems Requirements	Credits	Business Requirements	Credits
CORE 090 First Yr Exp.	1	CIS 106 IT Methods & Procedures	3	ECON 112 Micro Economics	3
CORE 100 Lib Arts Sem.	3	CS 116 Fun. of Software Dev. I	3	MSB 200 Principles of Management	3
CORE 110 Effect Writ.	3	CS 116L Fun. of Software Dev. I Lab	0	MSB 210 Principles of Marketing	3
CORE 115 or 116 Oral Comm.	3	CS 117 <sup>5</sup> Fun. of Software Dev. II	3	MSB 220 Financial Management	3
CORE 131 or 133 Civilization	3	CS 117L Fun. of Software Dev. II Lab	0	Business Elective 1 <sup>4</sup>	3
CORE 140 or 141-145 Forgn.	3	CIS 119 Microcomputer Principles	3	Business Elective 2 <sup>4</sup>	3
CORE 153 Macro Econ <sup>1</sup>	3	CIS 244 Structured Programming	3		
CORE 160-164 Literature	3	CIS 251 WEB-based Info. Systems	3		
CORE 170-179 The Arts <sup>5</sup> (178)	3	CIS 255 Geographic Info. Systems	3		
CORE 180-189 Amer. Studies <sup>1</sup>	3	CIS 351 Sys Analysis, Des, & Imp I	3		
CORE 190-199 Global Stud <sup>1,2</sup>	3	CIS 352 Sys Analysis, Des, & Imp II	3		
CORE 250-259 Syst. Theology	3	CIS 356 Database Management Syst.	3		
CORE 260-269 Mor. Theology	3	CIS 385 Data Communications I	3		
CORE 270 Natural Science I	3	CIS 386 Data Communications II	3		
CORE 271-279 Nat. Sci. II	3	CIS 471 Global Information Systems*	3		
CORE 280 Philos. I	3	CIS 472 Project Management	3		
CORE 281-289 Philos. II <sup>3</sup>	3	CIS 487 Network Security	3		
		MATH 123 Finite Math	3		
		MSB 110 Intro to Financial Reporting	3		
		MSB 120 Intro to Mgmt Control & Plan	3		
		ECON 221 Quant. Meth. for Bus.& Econ	3		
	<b>49</b>		<b>57</b>		<b>18</b>

**Total Credits = 124**

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

<sup>1</sup>Since CORE 153 is a course requirement, students are required to take CORE 180 OR CORE 190 to fulfill the Interdisciplinary CORE requirement.

- If a student takes CORE 180, then he/she should choose from 191 – 198 to fulfill the 19x requirement.
- If a student takes CORE 190, then he/she should choose from 181 – 188 to fulfill the 18x requirement

<sup>2</sup>Students are encouraged to take CORE 193 – Globalization to fulfill the Global Studies requirement.

<sup>3</sup>Students are encouraged to take either MSB 287 – Business Ethics, CORE 284 – Environmental Ethics, or CORE 288 – Bioethics to fulfill the Philosophy II requirement.

<sup>4</sup>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 – Supply Chain Management and BUS 363 – Operations Management
- Marketing: MKT 330 – Selling Strategies and MKT 390 – International Marketing
- Entrepreneurship: BUS 330 – Business Entrepreneurship and BUS 435 – Global Innovation, Technology & Entrepreneurship
- Accounting: ACCT 115/L – Introduction to Financial Accounting II w/ Lab and ACCT 301 – Intermediate Accounting I

<sup>5</sup>CS 117 and CORE 178 form a learning community where students work on one project in both classes. This combination is not required but is highly recommended.

# COMPUTER INFORMATION SYSTEMS – BUSINESS

## SUGGESTED SEQUENCE

- Use the information below as a guide when selecting courses.
- Refer to the reverse side when selecting major courses, major electives, core courses, and free electives when applicable.
- Consult your Academic Advisor prior to course registration.
- Refer to the King's College Catalog and/or website for course titles and descriptions.
- Choose one course from each CORE category as listed on the reverse side.
  - CORE courses may be taken in any order approved by the academic advisor with the following conditions:
    - CORE 100 and CORE 110 should be taken in the first year.
    - CORE 115 (or 116) should be taken within the first two years.
    - For students selecting a Foreign Language (CORE 14x), every effort should be made to register for that language in the first available semester at King's.

1 <sup>st</sup> Year - Fall		cr.	1 <sup>st</sup> Year - Spring		cr.
_____	CIS 106 IT Methods & Procedures	3	_____	CIS 119 Microcomputer Principles ( <i>spring only</i> )	3
_____	CS 116 Fun. of Software Dev. I ( <i>fall only</i> )	3	_____	CS 117 <sup>5</sup> Fun. of Software Dev. II ( <i>spring only</i> )	3
_____	CS 116L Fun. of Software Dev. I Lab ( <i>fall only</i> )	0	_____	CS 117L Fun. of Software Dev. II Lab ( <i>spring only</i> )	0
_____	MSB 110 Intro. To Financial Accounting	3	_____	MSB 120 Intro. to Management Acct. & Plan.	3
_____	MATH 123 Finite Math	3	_____	CORE 170-179 ( <i>Core 178 Imaginative Writing<sup>5</sup></i> )	3
_____	CORE 110 Effective Writing	3	_____	CORE 100 Liberal Arts Seminar	3
_____	CORE 090 First Year Exp.	1			
		<b>16</b>			<b>15</b>
2 <sup>nd</sup> Year - Fall			2 <sup>nd</sup> Year - Spring		
_____	CIS 244 Structured Programming ( <i>fall only</i> )	3	_____	CIS 251 WEB-based Info. Systems ( <i>spring only</i> )	3
_____	CIS 255 Geographic Info. Systems ( <i>fall only</i> )	3	_____	ECON 221 Quant. Methods for Bus. & Econ. I	1
_____	MSB 200 Principles of Management	3	_____	MSB 210 Principles of Marketing	3
_____	CORE 153 Macro Economics	3	_____	ECON 112 Micro Economics	2
_____	CORE	3	_____	CORE	3
		<b>15</b>			<b>15</b>
3 <sup>rd</sup> Year - Fall			3 <sup>rd</sup> Year - Spring		
_____	CIS 351 Sys Analysis, Des, & Imp I ( <i>fall only</i> )	3	_____	CIS 352 Sys Analysis, Des, & Imp II ( <i>spring only</i> )	3
_____	CIS 385 Data Communications I ( <i>fall only</i> )	3	_____	CIS 386 Data Communications II ( <i>spring only</i> )	3
_____	MSB 220 Financial Management	3	_____	CIS 356 Database Management Syst. ( <i>spring only</i> )	3
_____	CORE	3	_____	CORE	3
_____	CORE	3	_____	CORE	3
_____			_____	CORE	3
		<b>15</b>			<b>18*</b>
4 <sup>th</sup> Year - Fall			4 <sup>th</sup> Year - Spring		
_____	CIS 472 Project Management	3	_____	CIS 471 Global Information Systems	3
_____	Business Elective 1 <sup>4</sup>	3	_____	CIS 487 Network Security	3
_____	CORE	3	_____	Business Elective 2 <sup>4</sup>	3
_____	CORE	3	_____	CORE	3
_____	CORE	3	_____	CORE	3
		<b>15</b>			<b>15</b>

**Total Credits Required for Graduation = 124**

\*Students are encouraged to take summer courses to relieve the course load pressure during this semester.

<sup>5</sup>CS 117 and CORE 178 form a learning community where students work on one project in both classes. This combination is not required but is highly recommended.