COMPUTER SCIENCE – BUSINESS

BACHELOR OF SCIENCE (B.S.)

CORE Requirements	Credits
CORE 090 First Yr Exp.	1
CORE 100 Lib Arts Sem.	3
CORE 110 Effect Writ.	3
CORE 115 or 116 Oral Comm.	3
CORE 131 or 133 Civilization	3
CORE 140 or 141-145 Forgn.	3
CORE 153 Macro Econ	3
CORE 160-164 Literature	3
CORE 170-179 The Arts	3
CORE 180-189 Amer. Studies[1]	3
CORE 190-199 Glbl Studies[1,2]	3
CORE 250-259 Syst. Theology	3
CORE 260-269 Mor. Theology	3
CORE 270 Natural Science I	3
CORE 271-279 Nat. Sci. II	3
CORE 280 Philos. I	3
CORE 281-289 Philos. II[3]	3
	49

Computer Science Requirements	Credits
CS 116 Fundamentals of Program. I	3
CS 116L Fund. of Program. I Lab	0
CS 117 Fundamentals of Program. II	3
CS 117L Fund. of Program. II Lab	0
CS 232 Data Structures	3
CS 232L Data Structures Lab	1
CS 233 Adv. Data Structures	3
CS 233L Adv. Data Structures Lab	1
CS 256 Database Management	3
CS 256L Database Management Lab	1
CS 270 Computer Organization	3
CS 270L Computer Organization Lab	1
CS 480 Software Engineering	3
CS 481 Applied Software Engineering	
OR	3
CS 499 CS Internship	
CS Elective*	3
CS Elective*	3
CS Elective*	3
CS Elective*	3
CS Elective*	3
CS Elective*	3
MATH 127 Logic & Axiomatics	3
MATH 129 Calculus I	4
MATH 130 Calculus II	4
MATH 235 Discrete Mathematics	3
	60

Business Requirements	Credits
ECON 112 Micro Economics	3
ECON 221 Quant Meth for Bus.& Econ	3
MSB 110 Intro to Financial Reporting	3
MSB 120 Intro to Mgmt Control & Plan	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
	27

Total Credits = 136

*A student majoring in Computer Science must complete six (6) of the following CS Electives (only 2 can be CIS courses):

CS Electives*		
Choose any six (6) of the following courses:		
CS 305	CS 364	CIS 385
CS 315	CS 380	CIS 386
CS 328	CS 420	CIS 487
CS 336	CS 448	
Any CS course 300 or higher		

[1] 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

[2] Students are encouraged to take CORE 193 – Globalization to fulfill the Global Studies requirement.

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

[4] Computer Science 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

COMPUTER SCIENCE – 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.

1st Year - Fall	cr.	1st Year - Spring	cr.
CS 116 Fund. of Programming I *(fall only)*	3	CS 117 Fund. of Programming II *(spring only)*	3
CS 116L Fund. of Program. I Lab *(fall only)*	0	CS 117L Fund. of Program. II Lab *(spring only)*	0
MATH 127 Logic & Axiomatics *(fall only)*	3	MATH 130 Analytical Geometry & Calculus II	4
MATH 129 Analytical Geometry & Calculus I	4	CORE	3
CORE	3	CORE	3
CORE	3	CORE	3
CORE 090 First Year Experience	1		
	17		**16**

2nd Year - Fall		2nd Year – Spring	
CS 232 Data Structures *(fall only)*	3	CS 233 Adv. Structures *(spring only)*	3
CS 232L Data Structures *(fall only)*	1	CS 233L Adv. Data Structures Lab *(spring only)*	1
CS 256 Database Management Systems	3	CS 270 Computer Organization	3
CS 256L Database Management Systems Lab	1	CS 270L Computer Organization Lab	1
MATH 235 Discrete Mathematics	3	ECON 112 Micro Economics	3
CORE 153 Macro Economics	3	CORE	3
CORE	3	CORE	3
	17		**17**

3rd Year – Fall		3rd Year – Spring	
CS Elective *	3	CS Elective *	3
CS Elective *	3	CS Elective *	3
MSB 110 Intro to Financial Reporting	3	MSB 120 Intro to Mgmt Control & Plan	3
MSB 200 Principles of Management	3	MSB 210 Principles of Marketing	3
CORE	3	CORE	3
CORE	3	CORE	3
	18*		**18***

4th Year - Fall		4th Year – Spring	
CS 480 Software Engineering	3	CS 481 Applied Software Engineering OR	3
CS Elective *	3	CS 499 CS Internship	-
ECON 221 Quant. Meth. for Bus.& Econ	3	CS Elective *	3
Business Elective 1[4]	3	MSB 220 Financial Management	3
CORE	3	Business Elective 2[4]	3
CORE	3	CORE	3
	18*		**15**

Total Credits Required for Graduation = 136

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