

COMPUTER AND INFORMATION SYSTEMS

BACHELOR OF SCIENCE (B.S.)

CORE Requirements	Credits	Major Requirements	Credits	Free Electives ²	Credits
CORE 090 First Yr Exp.	1	CIS 106 IT Methods & Procedures	3	Free Elective	3
CORE 100 Lib Arts Sem.	3	CS 116 Fun. of Software Dev. I (<i>fall only</i>)	3	Free Elective	3
CORE 110 Effect Writ.	3	CS 116L Fun. of Software Dev. I Lab (<i>fall only</i>)	0	Free Elective	3
CORE 115 or 116 Oral Comm.	3	CS 117 ³ Fun. of Software Dev. II (<i>spring only</i>)	3	Free Elective	3
CORE 131 or 133 Civilization	3	CS 117L Fun. of Software Dev. II Lab (<i>spring only</i>)	0		
CORE 140 or 141-145 Forgn.	3	CIS 119 Microcomputer Principles (<i>spring only</i>)	3		
CORE 150-159 Soc. Sci. ¹	3	CIS 244 Structured Programming (<i>fall only</i>)	3		
CORE 160-164 Literature	3	CIS 251 WEB-based Info. Systems (<i>spring only</i>)	3		
CORE 170-179 The Arts ³ (178)	3	CIS 255 Geographic Info. Systems (<i>fall only</i>)	3		
CORE 180-189 Amer. Studies ¹	3	CIS 351 Syst. Analysis, Design, & Impl. I (<i>fall only</i>)	3		
CORE 190-199 Global Stud ¹	3	CIS 352 Syst. Analysis, Design, & Impl. II (<i>sp only</i>)	3		
CORE 250-259 Syst. Theology	3	CIS 356 Database Management Syst. (<i>spring only</i>)	3		
CORE 260-269 Mor. Theology	3	CIS 385 Data Communications I (<i>fall only</i>)	3		
CORE 270 Natural Science I	3	CIS 386 Data Communications II (<i>spring only</i>)	3		
CORE 271-279 Nat. Sci. II	3	CIS 471 Global Information Systems	3		
CORE 280 Philos. I	3	CIS 472 IT Project Management (<i>fall only</i>)	3		
CORE 281-289 Philos. II	3	CIS 487 Network Security	3		
		MATH 123 Finite Math	3		
		MSB 110 Intro. To Financial Accounting	3		
		MSB 120 Intro. to Management Acct. & Plan.	3		
		CIS 499 CIS Internship	3		
		ECON 221 or MATH 126	3		
Total Credits for CORE	49	Total Credits for Major	60	Total Credits for Free Electives	12

Total Credits Required for Graduation – 121

¹Students are required to take CORE 150, CORE 180 **OR** CORE 190 to fulfill the Interdisciplinary CORE requirement.

- If a student takes CORE 150, then he/she should choose from 181 – 188 to fulfill the 18x requirement AND from 191 – 198 to fulfill the 19x requirement.
- If a student takes CORE 180, then he/she should choose from 151 – 158 to fulfill the 15x requirement AND from 191 – 198 to fulfill the 19x requirement.
- If a student takes CORE 190, then he/she should choose from 151 – 158 to fulfill the 15x requirement AND from 181 – 188 to fulfill the 18x requirement.

²Students may select “free electives” for personal enrichment **OR** for Minor and/or Second Major Requirements.

³CS 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.

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.”

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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 semester at King's.

1 st Year - Fall		cr.	1 st 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 ³ 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</i> ³)	3
_____	CORE 110 Effective Writing	3	_____	CORE 100 Liberal Arts Seminar	3
_____	CORE 090 First Year Experience	1			
		16			15
2 nd Year - Fall			2 nd 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	3
_____	CORE	3	_____	OR MATH 126 Intro to Statistics	
_____	CORE	3	_____	CORE	3
_____	CORE	3	_____	CORE	3
		15	_____	CORE	3
					15
3 rd Year - Fall			3 rd Year - Spring		
_____	CIS 351 Syst. Analysis, Design, & Impl. I (<i>fall only</i>)	3	_____	CIS 352 Syst. Analysis, Design, & Impl. 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
_____	CORE	3	_____	CIS 356 Database Management Syst. (<i>spring only</i>)	3
_____	CORE	3	_____	CORE	3
_____	Free Elective ²	3	_____	Free Elective ²	3
		15			15
4 th Year - Fall			4 th Year - Spring		
_____	CIS 499 CIS Internship	3	_____	CIS 471 Global Information Systems	3
_____	CIS 472 IT Project Management	3	_____	CIS 487 Network Security	3
_____	CORE	3	_____	CORE	3
_____	CORE	3	_____	CORE	3
_____	Free Elective ²	3	_____	Free Elective ²	3
		15			15
Total Credits Required for Graduation = 121					

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