

COMPUTER SCIENCE

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.
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	
MATH 127 Logic & Axiomatics (<i>fall only</i>)	3		MATH 130 Analytical Geometry & Calculus II	4	
MATH 129 Analytical Geometry & Calculus I	4		CORE 170-179 (<i>Core 178 Imaginative Writing</i> ³)	3	
CORE 110 and/or CIS 106 ²	3		CORE 100 Liberal Arts Seminar	3	
CORE 090 First Year Experience	1		CORE	3	
		14[†]			16
2 nd Year - Fall			2 nd Year - Spring		
CS 232 Data Structures (<i>fall only</i>)	3		CS 233 Adv. Data Structures (<i>spring only</i>)	3	
CS 232L Data Structures (<i>fall only</i>)	1		CS 233 Adv. Data Structures Lab (<i>spring only</i>)	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		CORE	3	
CORE	3		CORE	3	
CORE	3		CORE	3	
		17			17
3 rd Year - Fall			3 rd Year - Spring		
CS Elective*	3		CS Elective*	3	
CS Elective*	3		CS Elective*	3	
CORE	3		CORE	3	
CORE	3		CORE	3	
Free Elective ²	3		Free Elective ²	3	
		15			15
4 th Year - Fall			4 th Year - Spring		
CS 480 Software Engineering	3		CS 481 Applied Software Engineering OR	3	
CS Elective*	3		CS 499 CS Internship	3	
CORE	3		CORE	3	
CORE	3		Free Elective ²	3	
Free Elective ²	3		(<i>CORE or Free Elective² - if needed</i>)	(3)	
		15			12-15
Total Credits Required for Graduation = 121					

[†]The standard semester course load is five courses consisting of 15 – 17 credits. A student may take 18 credits if a lab puts them over 17 credits (*for more information about credit loads, please see the college catalog*).

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.