Student ID:	 	 	
Name:	 	 	

Course	BA	BS	MIN	
Computer Science – Level 1				
CS 111. Intro to Algo Prob Solv				
CS 211. <i>OOP in C++</i>				
CS 212. OOP in Java				
CS 220. Discrete Structures				
CS 240. Comp Org & Assem Lang	CS 240. Comp Org & Assem Lang			
Computer Science – Level 2				
CS 313. Data Structures				
CS 316. Princ of P Ls				
CS 320. Theory of Computation				
CS 323. Design & Analysis of Algo				
CS 331. Database Systems				
CS 340. Operating Systems				
CS 343. Computer Architecture				
CS 370. Software Engineering				
Electives **	9 cr	15 cr		
Mathematics				
MATH 120. Discrete Math				
MATH 151. Calculus I				
MATH 152. Calculus II				
MATH 231 or 237. Linear Algebra				
MATH 241 [‡] , 611 or 621. <i>Prob/Stat</i>				
Lab Science Sequence				
PHYS 145, 146, 204				
or				
PHYS 103, 204, and either 225 or 227				
or PHYS 103, 204, BIOL 1050, 1060				
or				
PHYS 103, 204, CHEM 113,114				
Lab Science Sequence				
BIOL 1050, 1060				
or				
CHEM 113, 114				
or DHVS 102 204				
PHYS 103, 204 or				
PHYS 145, 146				

Checklist for the Computer Science Major Curriculum 2005

(This checklist should be used for reference ONLY)



Notes:

- All CS courses must be completed with a grade of C or better.
- All non-CS courses must be completed with a grade of Cor better.
- No courses required for the major or minor may be taken P/NC. This is a College policy.
- No course may be taken until all prerequisite courses are completed with a minimum passing grade.
- 50% of the courses required for the major or minor must be completed at Queens College.
- 50% of the computer science courses must be completed at Queens Colleges.
- Courses may be taken on permit only at senior (four-year) colleges.
- ** Electives chosen from Computer Science courses numbered 300-396 totaling 9 credits for the BA and 15 credits for the BS.

One course from the following list may be used for **one elective** for the major unless it has been applied towards the fulfillment of the math or science requirements: *Biology* 330;

Mathematics 202, 223, 224, 232, 242, 245, 247, 248, 317, 333, 337, 341, 342, 609, 613, 619, 621, 623, 624, 625, 626, 633, 634, 635, 636;

Physics 225, 227, 265, or 311.

Transfer blanket credit courses (499) may **not** be used as electives.

- ‡ Economics 249 is acceptable **only** for students who complete a major or minor in economics.
- ## Mathematics 220 is acceptable **only** for students who complete a major or minor in mathematics.