

CHECK LIST FOR COMPUTER SCIENCE MAJORS
Effective Fall 2017

(54 – 60 credits)

COURSE	TITLE	CREDITS	DONE
CISC 1115*	Intro to Programming Using Java (May substitute CISC 1170)	4 2	<input type="checkbox"/>
CISC 3115*	Intro to Modern Programming Techniques	4	<input type="checkbox"/>
CISC 3130*	Data Structures	4	<input type="checkbox"/>
CISC 2210	Discrete Structures	3	<input type="checkbox"/>
CISC 3310* (27.1)	Computer Architecture	4	<input type="checkbox"/>
CISC 3142*	Programming Paradigms In C++	3	<input type="checkbox"/>
CISC 3320 (25)	Operating Systems	3	<input type="checkbox"/>
CISC 3140 (20.2)	Design & Implementation on Large-Scale Web Apps	3	<input type="checkbox"/>
CISC 3220 (23) Or CISC 3230 (38)	Analysis of Algorithms Theoretical Computer Science	3 3	<input type="checkbox"/>
CISC 4900 (60.1)	Independent Project (May substitute CISC 5001 (88.1))	3 3	<input type="checkbox"/>
CISC 2820W (12W)	Computers and Ethics (May substitute PHIL 3318W (14.4W))	3 3	<input type="checkbox"/>
THREE courses between 3000 (13) and CISC 4899 (59.99)		9	<input type="checkbox"/>
MATH 1201** (3.3)	Calculus I	3	<input type="checkbox"/>
MATH 1206 (4.3)	Calculus II	4	<input type="checkbox"/>
MATH 2501 (8.1)	Statistics (May substitute MATH 3501 (51.1))	3 3	<input type="checkbox"/>

*All prerequisites in CIS must be completed with a grade of C or better.

**Calculus I must be completed with a grade of C- or better.

***All students must complete at least 24 ADVANCED credits of C or better in their department at Brooklyn College.

CIS dept