

COLUMBIA UNIVERSITY DEPARTMENT OF COMPUTER SCIENCE

WORKSHEET FOR NEW MS STUDENTS

Students should fill in this form as completely as possible (both sides) BEFORE meeting with their advisors.

Name..... Date

I Admission Requirements

A- COMS Courses

List the COMS courses you have already taken. Specify names and course numbers. Group them according to the institution where they were taken. If there are graduate level courses for which you hope to get advanced standing, be prepared to supply documentation establishing course content and level. Even if advance standing is granted, you must still complete 30 credits of appropriate graduate-level courses at Columbia University.

B- MATH Courses

List the math courses you have already completed. (The admission requirement is 5 courses, including at least 6 credits of calculus and 3 credits of discrete math.)

II Core Courses

The core subjects below are part of the MS requirement. Each subject is satisfied by the course that appears next to it. Any subject that has not been covered by a similar course previously taken for credit must be included in the MS program. If the associated course has been taken, place a check mark next to the subject, OR list the number of a similar course taken, OR check the box indicating that the course is required in the MS program.

<u>Course</u>	<u>Taken at CU</u>	<u>Course # of similar course taken</u>	<u>Required in MS Program</u>
Probability and Statistics (SIEO W3600 or SIEO W4150)	<input type="checkbox"/>	_____	<input type="checkbox"/>
Data Structures and Algorithms (COMS W3137 or COMS W3139)	<input type="checkbox"/>	_____	<input type="checkbox"/>
Advanced Programming (COMS W3157)	<input type="checkbox"/>	_____	<input type="checkbox"/>
Computer Organization (COMS W3824)	<input type="checkbox"/>	_____	<input type="checkbox"/>
Computability and Models of Computation (COMS W3261)	<input type="checkbox"/>	_____	<input type="checkbox"/>
Programming Languages and Translators (COMS W4115)	<input type="checkbox"/>	_____	<input type="checkbox"/>
Artificial Intelligence (COMS W4701)	<input type="checkbox"/>	_____	<input type="checkbox"/>
Scientific Computation (COMS W3251)	<input type="checkbox"/>	_____	<input type="checkbox"/>

SUMMARY - *To be completed by faculty advisor*

Deficiencies.....

Core Courses to be included in the MS program

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Courses accepted for Advanced Standing

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Number of credits of non-core graduate courses to be included in the MS program

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Comments:

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Signature of Advisor

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Date