Ph.D. Program of Study Form CS-6

 revised 21 February 1995

 \*\*\* PLEASE PRINT (IN INK) ALL RESPONSES \*\*\*

 (Other forms mentioned may be filed later.)

 Name: ID #: - -

 This form is being submitted on (date):

 I am satisfying degree requirements as defined on (date):

 Dissertation Area:

 I. CORE EXAM

 My comprehensive written examination on the core courses

 [ ] covered COMP 122, 151, 181, 212, 213, 214, 216, 217, 261

 [ ] will cover COMP 202, 203, 204, 205, 206

 (in the context of prior preparation)

 [ ] should cover the following hybrid (transition student only):

 COMP

 II. COURSES

 For courses other than at UNC-CH, attach at least a catalog

 description, and preferably a syllabus.

 A. Required courses.

 COMP 321 [ ] semester:

 [ ] waived (file Form CS-2)

 COMP 345 (for students meeting requirements dated before May 1994)

 [ ] semester: [ ] check if taken as COMP 145

 [ ] waived (file Form CS-2)

 B. Primary concentration. "Three or four courses of which at least two

 support in depth the specific dissertation topic and at least one supports

 more generally the area of computer science in which the dissertation topic

 falls. The courses do not need to be related to each other, except in that

 they support the dissertation. These courses may have been taken as an

 undergraduate and may have been counted towards an undergraduate degree."

 Univ. Dept. Numb. Hrs. Brief Title

 1.

 2.

 3.

 4.

 C. Secondary concentration. "One or two courses (two if there are only

 three courses in the primary concentration) that are clearly not in the

 area of computer science in which the dissertation topic falls. If there

 are two courses, they must be a coherent pair. These courses may not have

 been taken as an undergraduate."

 Univ. Dept. Numb. Hrs. Brief Title

 1.

 2.

 D. Mathematical skills. "One course at upper undergraduate level or higher

 in each of two approved areas. An area is approved if it (a) appears on

 the following list, or (b) is designated by the student's committee as

 specifically supporting the dissertation topic, or (c) is approved by the

 Graduate Studies Committee on the basis of a cogent argument by the

 student. These courses do not need to be related to each other, and may

 have been taken as an undergraduate."

 1 abstract linear algebra (with emphasis on "abstract")

 2 geometry

 3 graph theory and combinatorics

 4 mathematical logic

 5 modern algebra

 6 probability and statistics

 Area # Univ. Dept. Numb. Hrs. Brief Title

 1.

 2.

 Non-listed area(s) [ ] approved by student's committee

 [ ] requested by student

 (attach justification)

 E. Supporting program. "Two courses outside computer science, each of

 which is either a foreign language course or a course that supports the

 dissertation topic. (Two foreign language courses should normally be in

 the same foreign language.) These courses must have been taken as a

 graduate student, but do not need to be at a graduate level. They may

 include either or both of the courses taken (if as a graduate student) to

 satisfy the mathematical skills requirement."

 Univ. Dept. Numb. Hrs. Brief Title

 1.

 2.

 F. Other courses required by the student's committee.

 Univ. Dept. Numb. Hrs. Brief Title

 1.

 2.

 G. Formal minor (see Graduate School Handbook)

 Univ. Dept. Numb. Hrs. Brief Title

 1.

 2.

 3.

 4.

 5.

 III. OTHER REQUIREMENTS

 A. Program product (file Form CS-13)

 B. Teaching (file Form CS-11)

 IV. COMMITTEE MEMBERS

 The student is requested to print the names of committee members other

 than the chairman. The chairman is requested to tick the box after

 the name of each member who has reviewed this Program, and then to sign in

 block V.

 Name: [ ] Name: [ ]

 Name: [ ] Name: [ ]

 Name: [ ] Name: [ ]

 V. SIGNATURES

 Each item has been approved by majority vote of the committee.

 Committee chairman:

 [ ] approved by Graduate Studies Committee

 [ ] disapproved, because:

 Director of

 Graduate Studies: Date: