California State University, Long Beach

POLICY STATEMENT

October 13, 1982

Number: 82-13

File: Mathematics

The following curricular program, recommended by the Graduate Council in its meeting of May 5, 1982 and by the Academic Senate in its meeting of September 23, 1982, was approved by the President on October 8, 1982.

SUBJECT: MASTER OF ARTS OPTION IN APPLIED MATHEMATICS

Prerequisites

1. A bachelor's degree in mathematics, physics, or engineering from an accredited college or university.

2. Credit in the following courses or their equivalents:

   Math 323, 345 or 346, 361A-B, 364A, and 380

Advancement to Candidacy

The student must pass a written qualifying examination covering work normally studied in Math 361A-B, 345 or 346, and 364A.

Requirements for the Master of Arts

1. A minimum of 30 approved graduate and upper-division units including:

   a. Math 461 or 562A, 479, and 576.

   b. At least 12 units, of which at least 6 units must be at the 500 level; selected from Math 364B, 381, 382, 421, 442, 463, 470, 472, 473, 480, 485, 495, 560, 570, 575, 580, and 590 as approved by the graduate advisor.

   c. A minimum of 18 units of graduate mathematics courses including not more than 3 units total from Math 697 and a minimum of 4 units of 698.

2. Complete one of the following:

   a. Pass a comprehensive written exam on Applied Mathematics.

   b. Subject to the approval of the Graduate Committee of the Department of Mathematics, write a thesis in applied mathematics and defend it orally.

EFFECTIVE: Fall 1982

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