TO: President Werner A. Baum

FROM: Chairman of the Faculty Senate

1. The Attached BILL, titled Curricular Report #70-71 - 7 From Graduate Council

is forwarded for your consideration.

2. The original and two copies for your use are included.

3. This BILL was adopted by vote of the Faculty Senate on March 18, 1971 (date).

4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Trustees, completing the appropriate endorsement below.

5. In accordance with Section 8, paragraph 2 of the Senate's By-Laws, this bill will become effective on April 8, 1971 (date), three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Trustees for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Trustees, it will not become effective until approved by the Board.

March 19, 1971

Chairman of the Faculty Senate

ENDORSEMENT 1.

TO: Chairman of the Faculty Senate

FROM: President of the University

1. Returned.

2. Approved __________. Disapproved __________.

3. (If approved) In my opinion, transmittal to the Board of Trustees is not necessary.

President

Form approved 11/65
ALTERNATE ENDORSEMENT 1.

TO: Chairman of the Board of Trustees.

FROM: The University President

1. Forwarded.

2. Approved.

_______________________ /s/ President

ENDORSEMENT 2.

TO: Chairman of the Faculty Senate

FROM: Chairman of the Board of Trustees, via the University President.

1. Forwarded.

_______________________ /s/ (Office)

ENDORSEMENT 3.

TO: Chairman of the Faculty Senate

FROM: The University President

1. Forwarded from the Chairman of the Board of Trustees.

_______________________ /s/ President

Original received and forwarded to the Secretary of the Senate and Registrar for filing in the Archives of the University.

_______________________ /s/ Chairman of the Faculty Senate
CURRICULAR REPORT FROM GRADUATE COUNCIL TO THE FACULTY SENATE

At its Meeting No. 82 on February 26, 1971, the Graduate Council considered and approved (where necessary) the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters of Information. (For further details consult the chairman of department concerned.)

EDC 531: To be cross-listed with FNS 531

II. Matters Requiring Confirmation by the Faculty Senate:

A. College of Arts & Sciences

1. Department of Geography
   a. Add (New)
   GEG 445 Geography of Modernization in Africa  Semester II, 3 credits
   Systematic survey of spatial aspects of the modernization process. Constraints and potentialities presented in contrasting environmental-cultural complexes. Selective coverage of developmental processes active in explaining contemporary patterns of social and economic occupancy. (Lec. 3) Prerequisite: One GEG 100 level course or permission of department. BRAND

2. Department of History
   a. Add (New)
   HIS 441 United States Since 1945  Semester I or II, 3 credits
   Social, political, and economic developments since the end of World War II. Equal emphasis upon the domestic sphere and the role of the United States in the world. (Lec. 3) KLEIN

   b. Change
   (Contingent upon the approval of HIS 441)
   HIS 440 (120) Twentieth Century America to be changed as follows:
   HIS 440 (120) United States History from 1917 to 1945 Sem I or II, 3 credits
   Social, political, and economic developments between the World Wars. Emphasis upon domestic affairs but special attention given to the involvement of the United States in World War II. (Lec. 3) KLEIN

3. Department of Economics
   a. Add (New)
   ECN 699 (to be cross-listed with REN 699) Doctoral Dissertation Research
   Semester I, II and Summer
   Number of credits is determined each semester in consultation with the major professor or program committee.

4. Department of Mathematics
   a. Add (New)
   MTH 629, 630 Functional Analysis I, II  Semester I & II, 3 credits each
   Banach and Hilbert spaces, basic theory. Bounded linear operators, spectral theory. Applications to analysis. Application to a special topic such as differential operators, semigroups and abstract differential equations, theory of distributions, or ergodic theory. (Lec. 3) Prerequisites: MTH 536 and permission of the instructor. STAFF
A. **College of Arts & Sciences** (Continued...)

4. **Department of Mathematics** (continued...)
b. Deletion

MTH 529, 530 Functional Analysis I, II Semesters I & II, 3 credits each

5. **Department of English**
a. Change

ENG 102 The Negro in American Literature to be renumbered ENG 444

B. **College of Engineering**

1. **Department of Industrial Engineering**
a. Add (New)

IDE 610 Topics in Applied Queueing Theory Semester I, 3 credits
Poisson and Erlang queues, imbedded chains, M/G/1 and G/M/1 queues, and related topics in queueing theory. Analysis of a wide variety of queues with an applications orientation. (Lec. 3) Prerequisite: IDE 4433 or permission of instructor. In alternate years, next offered in 1971-72. BRANSON

IDE 657 Geometric and Dynamic Programming Semester II, 3 credits,
Basis concepts of geometric programming, the duality theorem, approximation and limiting techniques. Nature of dynamic programming, deterministic and stochastic sequential decision problems. Lagrange multipliers in both geometric and dynamic programming. (Lec. 3) Prerequisite: IDE 555. In alternate years, next offered in 1971-72. SHAO

C. **College of Nursing**
a. Add (New)

NUR 501, 503 Advanced Clinical Nursing Semester I or II, 3 credits each
Cross-clinical seminar through which the graduate student is helped to broaden and deepen knowledge of theory, concepts and problems that are common to all nursing. (Lec. 3) Must be taken concurrently with Nur 502, 504. STAFF

NUR 502, 504 Advanced Clinical Nursing Practicum, Sem. I or II, 3 credits each
Intensive study of significant nursing problems in health agencies, selected cooperatively by student and instructor with regard to students' needs and interests. A substantial paper involving independent study in Nur 501 and 502, 503 and 504 is required. (Lec. 1, Lab. 6) Must be taken concurrently with Nur 501, 503. Required of all majors. STAFF

NUR 505 Research in Nursing Semester I, 3 credits
Current research in nursing, emphasizing interpretation and applications. Methodology related to clinical nursing and community health. Students will select a problem and develop a project as a learning experience. Prerequisite: graduate standing and a basic course in Stat.

NUR 510 Teaching in Clinical Nursing Semesters I or II, 3 credits
A seminar in which the student is assisted in planning, developing, implementing, and evaluating classroom and clinical teaching. (Lec. 3) Prerequisite: Nur 501, 502. Must be taken concurrently with Nur 511. STAFF

NUR 511 Teaching Practicum Semesters I or II, 3 credits
Supervised teaching experience in student's major field of interest. Prerequisite: Nur 501, 502. (Lec. 1, Lab. 6) Must be taken concurrently with Nur 510. STAFF
C. College of Nursing (continued.....)
   a. Add (New) (continued)

NUR 512 Administration in Nursing Service Semester I or II, 3 credits
A seminar in which the student is assisted in the development of the philosophy
and processes in administration as they relate to nursing service and nursing
education. (Lec. 3) Prerequisite: Nur 501, 502. Must be taken concurrently
with Nur 513. STAFF

NUR 513 Practicum in Administration of Nursing Service Sem I or II, 3 credits
Directed experience in nursing service in the student's major field of interest.
(Lec. 1, Lab. 6) Prerequisite: Nur 501, 502. Must be taken concurrently
with Nur 512. STAFF

D. College of Resource Development
   1. Department of Plant Pathology
      b. Change

PLP 342 Diseases of Turfgrasses, Trees and Ornamental Shrubs
to be renumbered to PLP 442.