

ATTACHMENT 2.

REPORT: COMMITTEE ON CURRICULA AND COURSES

(For consideration by the Faculty Senate at its meeting on October 3, 1979)

[The Committee requests that any department which has a proposal being recommended by the Committee on Curricula and Courses provide a spokesman to attend the Faculty Senate meeting in which said proposal is to be recommended.]

The Committee recommends approval of the following changes in courses:

I. COLLEGE OF HUMANITIES AND SOCIAL SCIENCES - *Approved*

A. Department of Anthropology

New course

ANTH 576 AFRICAN AND AFRO-AMERICAN FOLKLORE. (3) Folklore (oral traditions, music, etc.) and folklife (architecture, pottery, etc.) of Africa and the New World, with emphasis on historical continuity.

B. Department of Art

New course

ARTS 550 SELECTED TOPICS IN FIBERS. (1-3) Experimental investigation and theoretical analysis of problems in various fiber techniques. Topics to be announced.

C. Department of Foreign Languages

New courses

LATH 399 INDEPENDENT STUDY. (3-6)

GREK 399 INDEPENDENT STUDY. (3-6)

D. Department of Geography

Change in title and description

FROM: GEOG 511 LOCATIONAL ANALYSIS. (3) The development and use of methods relevant to the collection and description of data and the testing of hypotheses concerning the concept of location of man's activities.

TO: GEOG 511 PLANNING AND LOCATIONAL ANALYSIS. (3) Scientific approaches to locational problems in urban and regional planning, including regional growth and decline, land use control, public facility location and provision, and locational efficiency.

II. COLLEGE OF SCIENCE AND MATHEMATICS

- Approved as amended

A. Department of Mathematics, Computer Science and Statistics

New degree - B.S. in Statistics (Proposed catalogue changes, pp. 185-187)

On page 185U, right hand side

Present Wording

The department offers degree programs leading to the degrees of Bachelor of Science in Mathematics and Bachelor of Science in Computer Science. In addition the department serves many of the disciplines within the University through course offerings which provide basic mathematical and computing skills necessary to the pursuit of studies in these disciplines.

Proposed Wording

The department offers degree programs leading to the degrees of Bachelor of Science in Mathematics, Bachelor of Science in Computer Science and Bachelor of Science in Statistics. In addition the department serves many of the disciplines within the University through course offerings which provide basic mathematical and computing skills necessary to the pursuit of studies in these disciplines.

On p. 186U, after the Basic Degree Requirements for the Bachelor of Science in Mathematics, the following is to be inserted:

C. Bachelor of Science in Statistics

1. GENERAL EDUCATION REQUIREMENTS 53-54

The following courses fulfill some of the General Education requirements and must be completed for a B.S. in Statistics degree:

MATH 141, 142, 241, CSCI 211, and one of MATH 344 or 544.

2. MAJOR REQUIREMENTS

a. General Major

Four of STAT 512, 513, 515, 516, 519 12

Two of STAT 511, 514, MATH 524 6

Two STAT electives numbered 500 or above (CSCI 312, MATH 351, 526 may also be used as STAT electives). 6
24

b. Intensive Major

Four of STAT 512, 513, 515, 516, 519 12

Two of STAT 511, 514, MATH 524 6

Six STAT electives numbered 500 or above (Up to four of the following courses may be used as STAT electives: CSCI 312, 411, MATH 351, 352, 554, 555) 18
36

3. COGNATES, see College of Science and Mathematics 12

4. ELECTIVES, see College of Science and Mathematics. 15-30
Total hours required 120

On page 187U, the following changes are to be made under Group II Requirements for Non-Majors:

Present Wording

Group II Requirements for Non-Majors

There are several combinations of departmental courses a student can take to satisfy the 6-credit Group II requirements of the Colleges of Humanities and Social Sciences and Science and Mathematics.

Group II in computer science. Students without a mathematical or technical background are advised to first take Computer Science 207, an introductory 2-credit course having no prerequisites and requiring no programming, followed by one of two 4-credit courses, either Computer Science 211 for students with a mathematics background or Computer Science 209 for those without. To earn 3 Group II credits in computer science, a student could follow Computer Science 207 with any one of the several 1-credit courses in elementary programming (Computer Science 270 through 295). Computer Science 208 (3 credits) is also available in place of 207. A student earning 6 credits in computer science to satisfy the Group II requirements would be qualified to take higher level computer science courses for cognate credit.

Group II in mathematics. Students who desire to fulfill their Group II requirements with mathematics or statistics may use practically any combination of courses. Mathematics 100, 101, and 102, however, may not be used for credit for the B.S. degree. Excess credits earned in Group I may be applied in Group II.

Proposed Wording

Group II Requirements for Non-Majors

There are several combinations of departmental courses a student can take to satisfy the 6-credit Group II requirements of the Colleges of Humanities and Social Sciences and Science and Mathematics.

Group II in computer science. Students without a mathematical or technical background are advised to first take Computer Science 207, an introductory 2-credit course having no prerequisites and requiring no programming, followed by one of two 4-credit courses, either Computer Science 211 for students with a mathematics background or Computer Science 209 for those without. To earn 3 Group II credits in computer science, a student could follow Computer Science 207 with any one of the several 1-credit courses in elementary programming (Computer Science 270 through 295). Computer Science 208 (3 credits) is also available in place of 207. A student earning 6 credits in computer science to satisfy the Group II requirements would be qualified to take higher level computer science courses for cognate credit.

Group II in mathematics or statistics. Students who desire to fulfill their Group II requirements with mathematics or statistics may use practically any combination of courses. Mathematics 100, 101, and 102, however, may not be used for credit for the B.S. degree. Excess credits earned in Group I may be applied in Group II.

Present Wording

Proposed Wording

Cognate for Non-Majors

Cognate for Non-Majors

Students with majors in other departments can effectively supplement their major requirements by choosing cognate courses in computer science or mathematics. Students or advisers interested in planning cognates are invited to consult with Department of Mathematics, Computer Science, and Statistics faculty.

Students with majors in other departments can effectively supplement their major requirements by choosing cognate courses in computer science, ~~or mathematics.~~ ^{or} ~~Students or advisers~~ ^{of} ~~interested in planning cognates are~~ ^{STAT} invited to consult with Department of Mathematics, Computer Science, and Statistics faculty.

Cognate in computer science. The fundamental course, a prerequisite for most others, is Computer Science 211. After taking this 4-credit course, a student can choose the remaining cognate courses to suit his own interests. A student without a background in mathematics could not take Computer Science 211. It is best for him to begin with Computer Science 209 and to choose later courses from those not based on mathematics.

Cognate in computer science. The fundamental course, a prerequisite for most others, is Computer Science 211. After taking this 4-credit course, a student can choose the remaining cognate courses to suit his own interests. A student without a background in mathematics could not take Computer Science 211. It is best for him to begin with Computer Science 209 and to choose later courses from those not based on mathematics.

Cognate in mathematics. Most courses in mathematics (excluding 141 and below, 142, 201 and 203) can be taken for cognate credit.

Cognate in mathematics. Most courses in mathematics (excluding 141 and below, 142, ~~201~~ and 203) can be taken for cognate credit.

Cognate in statistics. Any combination of STAT courses numbered 500 or above may be taken for cognate credit. A natural group in statistical methodology is STAT 515, 516, 518, 519.

Electives may vary