

This is taken from pages 8,9 and 24 : INFORMATION SYSTEMS:

Curriculum:

IV-1. The curriculum must include at least 30 semester-hours of study in information systems topics.

- All students must take a broad-based core of fundamental information systems material consisting of at least 12 semester hours.

- The core topics include basic coverage of
(1) a modern programming language [h/w & s/w coverage
omitted in proposed changes],

- (2) data management,

- (3) networking and data communications,

- (4) systems analysis and design and

- (5) role of IS in organizations.

- Theoretical foundations, analysis, and design must be stressed throughout the program.

- All students must take at least 12 semester hours of advanced course work in information systems that provides breadth and builds on the IS core to provide depth.

IV-2. The curriculum must contain at least 15 semester-hours of study in an information systems environment, such as business. The 15 semester hours must be a cohesive body of knowledge to prepare the student to function effectively as an IS professional in the IS environment.

IV-3. The curriculum must include at least 9 semester-hours of study in quantitative analysis beyond precalculus.

- Calculus or discrete mathematics must be included.

- statistics and mathematics beyond college-level algebra.

IV-4. The curriculum must include at least 30 semester-hours of study in general education to broaden the background of the student.

- The oral and written communications skills of the student must be developed and applied in the program.

- There must be sufficient coverage of global, economic, social and ethical implications of computing to give students an understanding of a broad range of issues in these areas.

IV-5. Collaborative skills must be developed and applied in the program.