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Master of Computer Science to be Available at the University of Dayton

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DAYTON, Ohio, June 12, 1972 --- A new professional degree, Master of Computer Science, will be available at the University of Dayton beginning in the Fall term. The graduate program has comparable goals to the Master of Business Administration and Master of Engineering Management programs. It will enable college graduates, with degrees in other disciplines but who work with computers, to upgrade their professional knowledge and posture, and at the same time attain a formal education in computers.

"This is an effort on the University's part," says Brother Thomas Schoen, S.M., Chairman, Department of Computer Science, "to help those men and women who graduated five or more years ago and have been caught up professionally in the rush into technology.

"These people," he continued, "be they engineers, educators, business executives, physical scientists, or other professionals, have found the computer an everyday companion and have no formal education in the techniques and uses of it.

"They can't afford the time or the money to seek a complete undergraduate degree in this science, he said. "Under our program plan they can complete the requirements conceivably in 12 months by taking the 10 courses over three tri-mesters in one year."

Six University professors and one National Cash Register Company executive will handle the program which includes operating systems, numerical analysis, systems programming, metatheory, classical analysis, programming languages, and business systems.

Brother Schoen said that prospective students who may be deficient in some computing areas can take special courses starting June 19 in the University's summer term. The courses are Fortran Programming and Assembler Programming.

He noted that students who enroll in this program "will enrich their knowledge with a foundation in the theory and applications of computers. Bringing their own understanding for the business/industrial sectors to this program, they will relate the concepts of computing science to the realities of their work."

He pointed out that students, should have a nominal background in mathematical thinking, usually with knowledge of a higher-level computer programming language such as Fortran or Cobol, and knowledge of an assembly language.

Requirements for the degree include 18 credit hours in computer science and 12 credit hours in computer science or other departments. These courses are offered in the late afternoon and early evening through all three tri-mesters. There is no formal thesis required, and no foreign language requirement.

For information write Brother T. A. Schoen, Chairman, Department of Computer Science, University of Dayton, Dayton, Ohio, 45409.