COMPUTER SCIENCE COURSES

Computer related courses are offered in several departments of the university. They are grouped here for the convenience of students who are interested in the study of computer science or computer applications in specific fields. See appropriate department for non-C S C course descriptions.

COMPUTER SCIENCE (C S C)

180T. Programming in Specialized Computer Languages (2–3)
Prerequisite: permission of instructor. Programming and usage of an application oriented language selected from the areas of string and list processing, simulation, CAI, formal algebraic manipulation, query, text editing and processing (e.g. GPSS, SNOBOL, LISP, CSMP).

RELATED COURSES

Business

Q M 60. Computer Concepts (3)
63. Automation and Computer Language—FORTRAN (3)
64. Automation and Computer Language—COBOL (3)
162. Advanced Computer Programming (3)
166. Applied Computer Systems (3)
168. Data Processing Management (3)
169. Machine Language Programming (3)
173. Computer Configurations (3)
Bus 209. Computers and Programming (3)
262. Seminar in Programming (3)
266. Data Processing, Management, and Computer Selection (3)

Engineering

C E 4. Machine Computing and Computer Programming (3)
E E 106. Introduction to Switching Theory (3)
107. Digital Data Handling (3)
133. Digital Systems and Computer Organization (2)
175. Design of Digital Systems (3)
Engr 70. FORTRAN IV Programming (2)
173. Analog Computation (2)

Industrial Arts

Ind A 151A-B. Elements of Digital Computers (3–3)

Mathematics

Math 20. Introductory Computer Programming (2)
113. Theory of Computation (3)
114. Discrete Structures (3)
120. Structures of Programming Languages (3)

EXPERIMENTAL COLLEGE

Within the university the Experimental College is designed to facilitate educational experimentation. It encourages the development of kinds of learning which may involve departures from current methods of instruction and scheduling, unit allocations, discipline boundaries, and relations between students and instructors.

The program is under the supervision of the Experimental College Committee which is composed of both students and faculty. Courses instituted under it may not continue longer than three years. On the basis of an evaluation within that time, for which the committee and relevant departments are responsible, a course must either be accepted for catalog listing by regular procedures or be dropped.

Proposals for the program may be initiated by faculty members, by departments, by members of the administration, and by students. The committee gives priority to those proposals which appear to have the greatest merit as potential contributions to the total program of the college and which show some special need for immediate implementation or preliminary testing.