

MINOR IN COMPUTER SCIENCE
 DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

The requirement for a minor in Computer Science is completion of the five courses shown below, with a grade of “C” or better in each course. At least 15 credit hours of the minor must consist of courses not used to satisfy general education requirements, and at least 9 credit hours must be earned at Salisbury University.

<u>COMPUTER SCIENCE MINOR COURSES</u>	<u>CREDITS</u>	<u>GRADE</u>
COSC 120 Computer Programming	4	___
COSC 220 Data Structures and Algorithm Analysis	4	___
COSC 250 Microcomputer Organization	4	___
❖ _____	___	___
❖ _____	___	___

❖ Two additional courses from the following¹:

COSC 320 Advanced Data Structures and Algorithm Analysis	(4 credits)
COSC 350 Systems Software	(4 credits)
COSC 362 Mathematical Foundations of Computer Science	(3 credits)
COSC 370 Computer Networks	(3 credits)
COSC 422 Organization of Programming Languages	(3 credits)
COSC 425 Software Engineering I	(3 credits)
COSC 426 Software Engineering II	(3 credits)
COSC 450 Operating Systems	(3 credits)
COSC 456 Computer Architecture	(3 credits)
COSC 482 Computer Graphics	(3 credits)
COSC 490 Special Topics	(3 credits)

One of the following courses¹ may be substituted for one of the upper-level COSC courses listed immediately above:

MATH 471 Numerical Methods	(3 credits)
INFO 385 Data Communications and Networking	(3 credits)
INFO 386 Database Management Systems	(3 credits)
PHYS 411 Microprocessor Architecture	(3 credits)
PHYS 412 Microcomputer Interfacing	(3 credits)

¹ **Note:** Some of these courses have prerequisites which are not listed on this form.