

# COMPUTER SCIENCE MINOR

3.0 major GPA required

Successful completion of the following courses with a C- or higher: CSIT 104, CSIT 111, CSIT 170 and AMAT 120

Please note: The above courses require the following pre-requisite courses or placement(s):

- CSIT 111 requires MATH 111 as a co-requisite, if not already completed, or placement directly to Calculus I

Students may earn a minor in computer science by satisfactorily completing a minimum 19 credit program which includes CSIT 104, CSIT 111, CSIT 112, CSIT 212, CSIT 230, and at least one other approved CSIT course. At least 9 credits must be taken at Montclair State University.

## Program Requirements

Code	Title	Credits
<b>Requirements</b>		
CSIT 104	Python Programming I	3
CSIT 111	Fundamentals of Java Programming	3
CSIT 112	Fundamentals of Programming II	3
CSIT 212	Data Structures and Algorithms	3
CSIT 230	Computer Systems	3
Select one of the following:		3
CSIT 170	Discrete Mathematics	
CSIT 313	Fundamentals of Programming Languages	
CSIT 315	Software Engineering I	
CSIT 337	Internet Computing	
CSIT 340	Computer Networks	
CSIT 345	Operating Systems	
CSIT 355	Database Systems	
CSIT 357	Artificial Intelligence	
CSIT 379	Computer Science Theory	
<b>Residency Requirement for Minor</b>		
At least 9 credits must be earned at MSU.		
<b>Total Credits</b>		<b>18</b>