



Department of Computer Science
 College of Science and Mathematics
 Montclair State University, Richardson Hall



Computer Science Major Program
Tentative Schedule, 2-Year Cycle

CSIT 104, 111, 112, 270, 230 and 212 (Fall---Day/Spring---Eve) will be offered **every** semester.

FALL EVEN YEARS	FALL ODD YEARS
315	315
445	
474 Eve	
355 Eve	355 Eve
296 CISCO I, II	296 CISCO I, II
SPRING ODD YEARS	SPRING EVEN YEARS
460	460
340	340
415	415
345 Eve	313 Eve
[495]	[495]
	[357]
296 CISCO III, IV	296 CISCO III, IV

C = Required Core, **R** = Required Advanced, **E** = Elective

- C - CSIT 104 Computational Concepts
- C - CSIT 111 Fundamentals of Programming I
- C - CSIT 112 Fundamentals of Programming II
- C - CSIT 212 Data Structures and Algorithms
- C - CSIT 230 Computer Systems
- C - CSIT 379 Computer Science Theory
- C - CSIT 315 Software Engineering I
- C - CSIT 415 Software Engineering II

- R - CSIT 340 Computer Networks
- R - CSIT 355 Database Systems
- R - CSIT 313 Foundations of Programming Languages
- R - CSIT 345 Operating Systems

- E - CSIT 335 Introduction to Human-Computer Interaction (HCI)
- E - CSIT 337 Internet Computing
- E - CSIT 357 Artificial Intelligence
- E - CSIT 414 Compiler Construction
- E - CSIT 429 Parallel and Distributed Computing
- E - CSIT 430 Databases for Internet Applications
- E - CSIT 431 Introduction to Robotics
- E - CSIT 432 Systems Administration
- E - CSIT 437 Web Services
- E - CSIT 445 Computer Architecture
- E - CSIT 451 Mobile Computing
- E - CSIT 460 Computer Security
- E - CSIT 473 Image Processing
- E - CSIT 474 Computer Graphics
- E - CSIT 490 Honors Seminar in Computer Science
- E - CSIT 491 Cooperative Education in CS and IT
- E - CSIT 495 Topics in Computer Science for Undergraduates
- E - CSIT 497 Undergraduate Research I
- E - CSIT 498 Undergraduate Research II