

CSU Northridge, Computer Science Department

COMPUTER INFORMATION TECHNOLOGY MAJOR

2023-24 Catalog Requirements (assumes GE Plan G)

B4
MATH 103/L (3/1)
Math for Bus
(or appropriate progress
towards MATH 150A or
255A)

A2
G.E. Freshman
Composition (3)

MATH 140 (4)
or **SOM 120 (3)**
Statistics

**Always check the online University Catalog
for the latest requirements of the major.**

**A Graduation Evaluation is required
2 to 3 semesters prior to planned
date of graduation.**

NOTE:
Select either 110/L or
111A/L-B/L sequence
based on math and
programming skills

E
COMP 110/L (3/1)
Algorithms

E
COMP 111A/L (2/1)
Algorithms

E
COMP 111B/L (2/1)
Algorithms

COMP 182/L (3/1)
Data Structures

CIT 270/L (3/1)
Integrative Prog

**COMP 424 (3) or
CIT 425/L (2/1)**
Systems Security

COMP 485 (3)
Human Comp
Interaction

COMP 122/L (3/1)
Arch & Assembly

CIT 210/L (3/1)
Deploy & Manage
Operating Sys

B5
CIT 360/L (2/1)
Sys Admin &
Management

**COMP 484/L or
CIT 384/L (2/1)**
Web Hosting

CIT 160/L (2/1)
Internet Tech

IS 435 (3)
Bus Data Comm
and Networks

IS 451 (3)
Systems
Development

CIT 480/L (2/1)
Sys Design and
Implement I

CIT 481/L (2/1)
Sys Design and
Implement II

CIT 101/L (2/1)
Information Tech
Fundamentals

IS 312 (3)
Info Systems
for Business

IS 431 (3)
Sys Analysis
and Design

IS 441 (3)
Database
Management

Domain Emphasis (min 15 units) — select one of the following actions:

1. Completion of an appropriate minor at CSUN (cannot be a minor in Computer Science or Information Systems.) A minor must consist of at least 18 units, but some requirements in a minor might also be applied toward meeting General Education requirements or requirements of the major.
2. Completion of 15 units of upper division elective courses in Computer Science and/or CIT. The upper division electives must consist of 300-, 400- or 500-level courses in Computer Science (not COMP 300, 482, 484, 485, 490/L, 491/L, 492, 494 and 499) or Computer Information Technology (not CIT 360/L, 384/L, 425/L, 480/L and 481/L.) No more than 6 units of COMP 488/CIT 488 may be applied as part of the 15 units. All prerequisites to selected upper division electives must be met. 600 level courses are graduate degree only and cannot be used to satisfy this requirement.

A B E A letter in the upper left corner of a course box denotes requirement also satisfies a G.E. requirement.

E Consult with an academic advisor for proper placement in entry level math and computing courses.

Must receive "C-" or better in all courses attempted at CSUN that are required by major unless otherwise stated.

.....→ denotes a corequisite
————→ denotes a prerequisite

Computer Information Technology B.S. degree (120-124 units)

The required units are divided into:

Computer Information Technology Core	
Lower Division.....	26-28 units
Upper Division.....	33 units
Mathematics.....	6-9 units
Domain Emphasis Package.....	15-18 units
General Education/U.S. History/Government....	36 units
Free Elective Units.....	0-4 units

Lab Science Requirements

Follow the General Education Plan G Section B requirements:

Physical Science (B1)	2-3 units
Life Science (B2)	2-3 units
Science Laboratory Activity (B3)	0-1 unit

Sections B1-3 must total 6 units

Mathematics (B4) met by MATH 103 in major	3 units
Scientific Inquiry and Quantitative Reasoning (B5) met by CIT 360/L in major	3 units

Domain Emphasis Package (15+ units)

Domain Emphasis (min 15 units) — select one of the following actions:

1. Completion of an appropriate minor at CSUN (cannot be a minor in Computer Science or Information Systems.) A minor must consist of at least 18 units, but some requirements in a minor might also be applied toward meeting General Education requirements or requirements of the major.
2. Completion of 15 units of upper division elective courses in Computer Science and/or CIT. The upper division electives must consist of 300-, 400- or 500-level courses in Computer Science (not COMP 300, 482, 484, 485, 490/L, 491/L, 492, 494 and 499) or Computer Information Technology (not CIT 360/L, 384/L, 425/L, 480/L and 481/L.) No more than 6 units of COMP 488/CIT 488 may be applied as part of the 15 units. All prerequisites to selected upper division electives must be met. 600 level courses are graduate degree only and cannot be used to satisfy this requirement.

A First Year Sequence for Freshmen Needing Preparatory Courses
(Taken as part of the preparatory sequence appearing on the other page. The preparatory sequence may extend the four-year program by a year. Check with your academic advisor regarding the proper course sequence.)

Semester 1:	Semester 2:
MATH 103 prep course	MATH 103
First semester Stretch English	Second semester Stretch English
COMP 111A/L	COMP 111B/L
G.E. course	CIT 101/L

Grade and Degree Requirements in the Major

(Current catalog year course prerequisite requirements apply to all major course work not yet completed; major degree requirements are determined by the catalog year of the major; always apply the higher of the two standards.)

A. Transfer courses

“C” or better for all transfer courses

B. Courses taken at CSUN - rules depend on the academic year of the University Catalog of your major [2023-2024 means from August 2023 through July 2024]; consult with the Computer Science Dept Office if your catalog year is not listed; although every attempt has been made to accurately represent the following information, your responsibility is to follow the rules that appear in the appropriate University Catalog for the year of your major appearing in your DPR report.

1. **2015-2023 Catalog years:** “C” or better in COMP 110/L; “C-“ or better in all remaining courses required by the major.
2. **2023-2024 Catalog year:** “C-“ or better in each of the courses required by the major. Domain Emphasis was restructured.

C. Overall GPA requirements (to stay in good academic standing and for graduate)

1. 2.0 or higher overall GPA for all courses taken at CSUN
2. 2.0 or higher overall GPA for all courses taken (combination of CSUN & transfer)
3. 2.0 or higher overall GPA for all upper division courses required by the major