

DEGREE MAP

COMPUTER TECHNOLOGY, AAS

Follow this map to graduate in two years, though other paths are possible. Contact an advisor on My LaGuardia for additional support or if you require developmental courses. See reverse for additional information.

SEMESTER 1

Course	Category	Priority	Credits	Session
CSF101 First Year Seminar for Computer Science ¹	PC	x	2 (3hrs)	I
ENG101 English Composition I	RC	x	3 (4hrs)	I
MAT115 College Algebra and Trigonometry	RC		3 (4hrs)	I
Flexible Core Course Option	FC		3	I
MAT200 Pre-Calculus ²	PC	x	4 (5hrs)	II

SEMESTER 2

Course	Category	Priority	Credits	Session
ENG102 English Composition II	RC	x	3	I
MAC241 Computer Electronics I ³	PC	x	4 (6hrs)	I
MAC265 Computer Hardware Interfacing and Programming ⁵	PC	x	3 (4hrs)	I
MAC291 Computer Logic, Design & Implementation I ⁷	PC	x	4 (5hrs)	I
Flexible Core Course Option	FC		3	II

SEMESTER 3

Course	Category	Priority	Credits	Session
MAC242 Computer Electronics II ⁴	PC	x	3 (4hrs)	I
MAC292 Computer Logic, Design & Implementation II ⁸	PC	x	4 (5hrs)	I
MAC293 Computer Repair and Network Maintenance ⁹	PC	x	4 (5hrs)	I
MAC295 Computer Architecture ¹⁰	PC	x	4 (5hrs)	I
Life & Physical Sciences Course Option	RC		3 (4hrs)	II

SEMESTER 4

Course	Category	Priority	Credits	Session
MAC289 Computer Technology Project Lab ⁶	PC	x	2	I
BTM101 Introduction to Business ¹¹	PC	x	3	I
Unrestricted Elective (MAC101 Intro to Comp Sci or MAC108 Intro to Python recommended)	PC		2	I
Flexible Core Course Option (Urban Studies)	FC		3	I

Register in CUNY First for "Intent to Graduate" (GRD000) in your final semester.



DEGREE FULFILLMENT

- 12 credits Pathways Required Core (RC)
- 9 credits Pathways Flexible Core (FC)
- 39 credits Program Core (PC)
- 60 credits Total

laguardia.edu/Computer-Technology

Effective Fall 2019-Spring 2020 Catalog. Reviewed July 2019. Check Degree Audit and speak to an advisor if you enrolled prior to the listed catalog year.

PRE-/CO-REQUISITES

Refer to the Pre- and Co- Requisite List below to best select courses for each semester.

PRE-REQUISITE A pre-requisite course must be completed prior to taking another course.

CO-REQUISITE Co-requisite courses must be taken during the same session as another course.



1. CSF101 PRE: None
2. MAT200 PRE: MAT115/117
3. MAC241 PRE: MAT200
4. MAC242 PRE: MAC241
5. MAC265 P/C: MAC101/241
6. MAC289 PRE: MAC291
7. MAC291 P/C: MAC241
8. MAC292 PRE: MAC291
9. MAC293 PRE: MAC265
10. MAC295 PRE: MAC265
11. BTM101 PRE: CSE95 & ENG99

IMPORTANT NOTES

DEVELOPMENTAL COURSES Based on placement results, you may require additional preparation before entering college-level English or Math courses. Options can include a) developmental courses such as ENA099 or MAT095; b) English-as-a-Second-Language (ESL) courses; c) Co-requisite courses such as ENA/ENC101, CSE111, or MAT117/119/123; or d) CUNY Start.

Speak to an advisor to find out more.

SESSIONS I AND II Each semester has two parts, Session I (12-weeks) and Session II (6-weeks). It is recommended that you take 15 credits per semester for timely graduation. For questions regarding financial aid or tuition and fees, please visit Student Financial Services in C-107.

CREDITS & HOURS Courses often meet for the same number of hours per week as academic credits awarded, but in some cases your classes meet for more hours, listed in the CREDITS column when applicable.

PRIORITY COURSES Priority Courses are important for your progress in the degree and should be taken in the suggested order.

PATHWAYS FLEXIBLE CORE You may choose Flexible Core courses based on interests or transfer goals. Speak to an advisor or view Degree Audit to see a full list of options and/or requirements. Generally, you must take courses in different categories:

- Creative Expressions
- Individual and Society
- Scientific World
- U.S. Experience in its Diversity
- World Cultures and Global Issues

URBAN STUDIES All students must complete an Urban Studies course to graduate. Urban Studies courses have an "N" at the end of the course code (e.g. HUN192).

**Mathematics, Engineering,
& Computer Science**
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