



SUNY NIAGARA

Computer Information Systems, A.S.

Overview

The computing field is projected to grow faster than any other field by 2026, according to the US Bureau of Labor Statistics. The demand for individuals with experience in software, hardware, data and networks increases daily as all organizations rely on computer and information technology. Our program prepares students with both problem solving and technical skills needed to assist organizations in conducting business and operating more efficiently.

Designed for transfer into a 4-year institution.

Careers

Careers related to your program of study:

- Applications Programmer
- Database Administrator
- Network Administrator
- Information Systems Specialist
- Information Technology Specialist
- Systems Analyst

Some careers may require more specialized education.

Contact

Program Coordinator

Laura Scarpelli
716-614-6876
lscarpelli@niagaracc.suny.edu

Division

Business & STEM
716-614-6410

Visit full catalog for specific course offerings for each semester:

<https://sunyniagara.edu/courses/computer-information-systems-a-s/>
<https://tinyurl.com/h96j8vxf>

Program Requirements

First Semester

Credits

CIS 119 - Introduction to Computer Systems	3
CPS 120 - Computer Science I	4
ENG 101 - Writing I	3
MAT 110 - Intermediate Algebra or Higher Gen Ed	
Math Elective	3/4
___ ___ - General Education Elective (HUMN, SOCS, ARTS, USCV, GLBL or WLNG)	3

Total Credit Hours: 16/17 Cr.

Second Semester

CPS 130 - Computer Science II	4
ENG 102 - Writing II & Introduction to Literature OR	
ENG 103 - Writing for STEM	3
MAT 164 - Introduction to Statistics	3
____ - General Education Elective (HUMN, SOCS, ARTS, USCV, GLBL or WLNG)	3
____ - General Education Elective (HUMN, SOCS, ARTS, USCV, GLBL or WLNG)	3
____ - Health/Physical Education Elective	1
Total Credit Hours:	17 Cr.

Third Semester

ACC 116 – Financial Accounting	3
CIS/CPS 200-level Elective	3
CIS/CPS 200-level Elective	3
____ - Natural Science & Scientific Reasoning	
General Education Elective	3
____ - Health/Physical Education Elective	1
BUS 229 - Business Communications OR	
SPE 101 – Foundations of Communication OR	
SPE 102 - Public Speaking OR	
SPE 103 - Interpersonal Communication	3
Total Credit Hours:	16 Cr.

Fourth Semester

ACC 117 - Managerial Accounting	3
____ - CIS/CPS 200-level Elective	3
____ - CIS/CPS 200-level or NET Elective	3
____ - Diversity: Equity, Inclusion & Social Justice	
General Education Elective (DVRS)	3
____ - Free Elective	3
Total Credit Hours:	15 Cr.

The information provided is subject to change throughout the academic year. 3/9/2026