

Articulation Agreement
Between
Jamestown Community College: Computer Science (AS)
And
SUNY Fredonia: Computer Science (BS) or
SUNY Fredonia: Computer Information Systems – CIS (BS)

Purpose of Agreement

This document establishes a transfer articulation agreement between the computer science department at Jamestown Community College (JCC) and the computer and information sciences department at SUNY Fredonia. Its purpose is to facilitate the transfer process from the Associate in Science (A.S.) Computer Science degree at JCC to the Bachelor of Science (BS) degree in Computer Science or Computer Information Systems.

By this agreement, students who complete the AS Computer Science degree at JCC are guaranteed admission with full junior standing to their choice of the BS Computer Science or the BS Computer Information Systems degree program at SUNY Fredonia. By completing the AS degree, all of the courses listed in the table on page 2 of this agreement (for the BS Computer Information Systems) or on page 3 of this agreement (for the BS Computer Science), and at least seven of the ten SUNY General Education requirements at JCC, such students will be able to complete their BS degree at SUNY Fredonia within 4 additional full-time semesters, taking a minimum of 15 credits per semester.

Admission Criteria

Students must have a minimum 2.5 gpa.

General Education Requirements

Students will be required to fulfill the 10 subject categories as outlined by the SUNY-GER in order to complete the baccalaureate degree. The following are additional campus based general education requirements, which must be completed in fulfillment of the bachelor's degree:

- 1 additional course in the social sciences category 3, it must be in a different discipline than the first course.
- 1 additional course in the natural sciences category 2, it must be in a different discipline than the first course. Students completing CSC 1510 will have fulfilled one of the natural science requirements at Fredonia. The second course may not be in Math or Computer Science.
- The Speaking Intensive requirement will be fulfilled through completion of the basic communication category 10 at JCC. This category can also be fulfilled through completion of certain courses in the major at SUNY Fredonia.
- The CCC also includes a 6 credit upper-level requirement; this will be completed at SUNY Fredonia.

Computer Information Systems

Jamestown CC: AS Computer Science	SUNY Fredonia: BS Comp. Info. Systems	
Humanities	Humanities	
ENG 1530 College Composition 3	ENGL 100 English Composition	3
ENG 1540 Writing about Literature 3	ENGL 1TR 100 Level Transfer Elective	3
Social Science Electives	Social Science Electives	
From two different disciplines * 6	From two different disciplines *	6
Math/Science Electives	Math/Science Electives	
MAT 1670 Discrete Mathematics** 3	CSIT 241 Discrete Math for Comp Sci I	3
MAT 1630 Calc for Bus & Social Sci I 3 (OR MATH 1710 Calc & Analytic Geom I 4)	MATH 120 Survey of Calculus I	3
MAT 1640 Calc for Bus & Social Sci II 3 (OR MAT 1720 Calc & Analytic Geom II 4)	MATH 121 Survey of Calculus II	3
	(OR MATH 123 University Calculus II 4)	
Additional Liberal Arts Electives	Additional Liberal Arts Electives	
Liberal Arts Electives or SUNY Gen Ed approved Courses 16	Liberal Arts Electives or SUNY Gen Ed approved Courses	16
Program Core Requirements	Program Core Requirements	
CSC 1570 Programming Concepts/Apps 2	CSIT 1TR 100 Level Transfer Elective	2
CSC 1580 Micro Hardware/Syst Software 3	CSIT 1TR 100 Level Transfer Elective	3
CSC 1590 Computing Fundamentals I 4	CSIT 121 Computer Science I	4
CSC 1600 Computing Fundamentals II 4	CSIT 221 Computer Science II	4
CSC 2510 Intro to LAN 3	CIST 2TR 200 Level Transfer Elective	3
CSC 2670 Computer Organization 4	CSIT 311 Assembly Lang & Comp Org	4
	Will substitute for CIST 312 Computer Structures	
Computer Science Elective	Computer Science Elective	
CSC 1530 Web Publishing 3	CSIT 107 Web Programming I	3
CSC 2540 Intro Systems Analysis 3	CSIT 351 Bus Systems Analysis	3
	Required for CIS majors	
CSC 2410 Web Programming 3	CSIT 207 Web Programming II	3
	Required for CIS majors	

*Students will need 2 SUNY Gen Ed approved courses in two different social science disciplines (prefixes) to complete the baccalaureate degree. Students interested in the CIS major should choose ECO 2620 to fulfill one requirement.

**Students need to achieve a B or better in MAT 1670 to receive the equivalent CSIT 241 at Fredonia.

Students will need 2 SUNY Gen Ed approved natural science courses in two different disciplines (prefixes) for completion of the baccalaureate degree. CSC 1510 will count for one course; the other may NOT be in math or computer science.

If scheduling permits, students transferring into the CIS degree at Fredonia may also select the following:
 BUS 1510 Princ of Acct I = ACCT 201 Accounting Principles I
 BUS 1520 Princ of Acct II = ACCT 202 Accounting Principles II
 MAT 1540 Elem Statistics = STAT 200 Statistical Methods or ECON 200 Fundamentals of Statistics for Business

Computer Science

Jamestown CC: AS Computer Science	SUNY Fredonia: BS Computer Science
Humanities	Humanities
ENG 1530 College Composition 3	ENGL 100 English Composition 3
ENG 1540 Writing about Literature 3	ENGL 1TR 100 Level Transfer Elective 3
Social Science Electives	Social Science Electives
From two different disciplines* 6	From two different disciplines* 6
Math/Science Electives	Math/Science Electives
MAT 1670 Discrete Mathematics** 3	CSIT 241 Discrete Math for Comp Sci I 3
MAT 1630 Calc for Bus & Social Sci I 3 (OR MATH 1710 Calc & Analytic Geom I 4)	MATH 120 Survey of Calculus I 3 (OR MATH 122 University Calculus I 4)
MAT 1640 Calc for Bus & Social Sci II 3 (OR MAT 1720 Calc & Analytic Geom II 4)	MATH 121 Survey of Calculus II 3 (OR MATH 123 University Calculus II 4)
Additional Liberal Arts Electives	Additional Liberal Arts Electives
Liberal Arts Electives or SUNY Gen Ed approved Courses 16	Liberal Arts Electives or SUNY Gen Ed approved Courses 16
Program Core Requirements	Program Core Requirements
CSC 1570 Programming Concepts/Apps 2	CSIT 1TR 100 Level Transfer Elective 2
CSC 1580 Micro Hardware/Syst Software 3	CSIT 1TR 100 Level Transfer Elective 3
CSC 1590 Computing Fundamentals I 4	CSIT 121 Computer Science I 4
CSC 1600 Computing Fundamentals II 4	CSIT 221 Computer Science II 4
CSC 2510 Intro to Networks 3	CIST 2TR 200 Level Transfer Elective 3
CSC 2670 Computer Organization 4	CSIT 311 Assembly Lang/Comp Org 4
Computer Science Elective 3 (one credit of which must be numbered 2500 or above)	Computer Science Elective

*Students will need 2 SUNY Gen Ed Approved courses in two different social science disciplines (prefixes) to complete the baccalaureate degree.

**Students need to achieve a B or better in MAT 1670 to receive the equivalent CSIT 241 at Fredonia.

Students will need 2 natural science courses in two different disciplines (prefixes) for completion of the baccalaureate degree. CSC 1510 will count for one course; the other may NOT be in math or computer science.

Duration Of The Agreement

This agreement will become effective in June 2006 and shall be reviewed every two years or earlier, if significant program changes are made in either the two-year or the four-year program.