

Undergraduate B.A. / B.S. Computer Science Program

Course Requirements:

Mohawk Valley Community College Course	St. John Fisher College Equivalent
CI110 Principles of Programming AND CI130 Programming in C++ <i>Both courses need to be completed to earn waiver</i>	CSCI 306 C++ Module <i>Completion of both courses will waive CSCI 306</i>
CI230 Data Structures	CSCI 231 Data Structures & Algorithms
C1245 JAVA Programming	CSCI 162 Foundations of Computer Science II
CI260 Microcomputer Programming	CSCI 241 Computer Architecture
CI272 Visual Basic 3	CSCI 304 Visual BASIC module <i>Completion of CI272 will waive CSCI 304</i>
MA151 Calculus I	MATH 120 Calculus I
MA152 Calculus II	MATH 122 Calculus II
MA275 Discrete Algebraic Structures	MATH 200 Discreet Structures
PH151 General Physics I	PHYS 121 Intro to Physics I
PH152 General Physics II	PHYS 122 Intro to Physics II

Perspectives in the Arts (6 credits)

Choose **EN 102** and **1** course from the following recommended courses:

GC245; EN148, EN198, EN240, EN241, EN248, EN249, EN265, EN271, EN280, EN281, EN282; HU183, HU184, HU186, HU187, HU188, HU210, HU204, HU205; TH193

Philosophical Perspectives (6 credits)

Choose up to **2** courses from the following recommended courses:

PY208, HU280, HU295, HU296

Sociocultural Perspectives (6 credits)

Choose up to **2** courses from the following recommended courses:

AN101, BM101, BM110, BM115, HI101, HI102, HI103, HI104, HI 111, HI 112, PS101, PS102, PS203, PS205, PY101, PY202, PY203, PY204, PY207, PY208, PY212, SO101, SO204

Intercultural Perspectives and Languages (6 credits)**Students following a BS degree track:**

Choose **2** courses (six credit hours) from the following recommended courses:

Foreign language courses including ASL courses; ANT 102; HEG 215; SOC 210; SVL 101

Language does not need to be in a sequence

Students following a BA degree track:

Choose **2** courses from the following recommended courses:

Six credit hours of a foreign language sequence: any foreign language including American Sign Language (ASL) courses **ARE** acceptable. Example: SPA 101 and SPA 102

Also Recommended: Complete remainder of associate degree requirements.