

This Associate in Arts degree program is designed for the student who expects to earn the B.S. degree in Computer Science at Florida State University.

This College of Arts and Sciences major prepares students for advanced study with a broad based background in programming language skills, theoretical computer science, hardware, mathematics, and physical science. Check with an advisor about the Mgmt. Information Systems major in the College of Business.

For additional program information, visit the [FSU website](#), [program description](#), and [academic map](#).

Possible employment areas in this field include programmer (scientific, business, systems), technical writer, systems analyst, operations-research analyst, software engineer, web master, high school teacher, technical support representative, manager, data processing systems manager, network administrator, sales representative for computer or software manufacturer, college or university professor (with additional education).

For more information, visit the [Occupational Outlook Handbook website](#).

While academic advisors, faculty and staff provide significant academic planning and related assistance to students, completion of all degree requirements, and the process of monitoring progress to that end, is ultimately the responsibility of the student.

ACADEMIC PLAN: Associate in Arts Degree

Computer Science: B.S. degree

Transfer Institution: Florida State University

Code 1035 Program Length 60

Entrance Requirements

This program is limited access. The minimum GPA for acceptance is 2.65.

All first time in college (Fall 2014 and beyond) students are required to successfully complete two years of the same foreign language in high school or two semesters of the same foreign language at the college level before the associate degree is awarded. Home School students must demonstrate competency through competency testing.

This major is in the College of Arts and Sciences and requires completion of a foreign language through the 2220 level before graduation from FSU. If the additional foreign language is not taken before transfer, student will be required to take a placement test over the material covered in the first two years before being allowed to take additional foreign language. If the student does not pass, he/she may be denied admission into the program.

The Oral Competency requirement for this major is fulfilled through upper level course work at FSU.

2019-2020

For more information
Contact:

Student Affairs
Chipola College
(850) 718-2266



FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101 ¹	English Composition I	3	ENC 1102 ¹	English Composition II	3
COP 2000	Intro to Computer Programming	3	MAC 1311 ⁴	Calculus and Analytic Geometry I	4
MAC 1140 & 1114 ⁴	Precalculus Algebra and Trig	6	COP 2800 ⁴	Java Programming	3
SLS 1401	Career and Life Planning	1	XXX XXXX ^{1,6}	Social Science Core	3
SLS 1101	Orientation	1	CHM 1045 & 1045L ²	General Chemistry I & Lab	4
TOTAL		14	TOTAL		17

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX ¹	GORDON RULE WRITING	3	XXX XXXX ¹	GORDON RULE WRITING	3
MAC 2312 ⁴	Calculus and Analytic Geometry II	4	XXX XXXX ¹	HUMANITIES CORE	3
COP 2224 ⁴	C++ Programming	3	COP 2535 ⁴	Intro to Data Structures & Algorithms	3
BSC 2010 & 2010L ²	Integrated Principles of Biology I & Lab	4	BSC 2011 & 2011L ²	Integrated Principles of Biology II & lab	4
			XXX XXXX ^{3,6}	SOCIAL SCIENCE	3
TOTAL		14	TOTAL		16

¹ See General Education Requirements in the current Chipola College Catalog.

² **Students must have a science sequence choose (BSC 2010 & LAB, and BSC 2011 & LAB) or (PHY 2048C & LAB and PHY 2049C & LAB). If you choose this option, you must also take MAC 2313 since it is a pre or co-requisite to PHY 2049C, or (CHM 1045, BSC 2010, and BSC 2011, students taking this sequence do not need to select another science course).**

³ FSU requires 6 hrs. of international/diversity courses. If you complete an AA degree before transferring, FSU only requires 3 hrs. of international/diversity coursework. Chipola courses that meet this requirement include AMH 2091/2093, ASH 1044, GEA 2001/2002, REL 2300, SYG 1010, and THE 1000.

⁴ Prerequisite Coursework MAC 1311, MAC 2312, COP XXXX (3) Introductory Programming in C, C++, JAVA or equivalent language (C++ preferred).

⁵ **This major is in the College of Arts and Sciences and requires completion of a foreign language through the 2220 level before graduation from FSU.**

⁶ **All first-time-in-college students (Fall 2018 and beyond) are required to demonstrate competency in civic literacy through one of the following options:**

1) successfully passing either POS 2041 American Federal Government or AMH 2020 American History Since 1865, or 2) achieving the standard score on AP Government and Politics: United States, AP United States History or CLEP: American Government.