

This Associate in Arts degree program is designed for the student who expects to earn the B.A. or 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 (you want to work for Microsoft!). Check with a counselor about the Mgmt. Information Systems major in the College of Business.

For additional program information, visit the [FSU website](#).

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 teacher (with additional training and education). For more information, visit the [Occupational Outlook Handbook website](#).

The courses listed on this guide are not to be construed as a contract between the student and Chipola or the University. Course requirements may change each year. You are encouraged to work closely with your advisor.

Associate in Arts Degree



Computer Science & Software Engineering Transfer Institution: Florida State University

Code 1035 **Program Length** 60 credits

Entrance Requirements

This program is limited access and is available via Internet-supported distance learning. GPA requirements are adjusted annually. Preference is given to students with higher grades in MAC 1311.

FSU WILL DENY ADMISSION TO ANY STUDENT WHO HAS NOT SATISFIED THE STATE FOREIGN LANGUAGE ADMISSIONS REQUIREMENT. This major is in the College of Arts and Sciences and requires completion of a foreign language through the 2200 level before graduation from FSU.

FSU requires competency in oral communications for graduation. If students took a speech course in high school or were members of a debate team, they may exempt this requirement during the FSU admissions process. If not, students should take SPC 2600 at Chipola to satisfy this requirement.

Computer science majors must also complete 6 additional hours of science courses. This can be completed at Chipola or FSU. Approved courses at Chipola include CHM 1045 & lab, CHM 1046 & lab, BSC 2010, and BSC 2011.

Students who accumulate 5 grades below "C-" (including grades of "U") in computer science, mathematics, natural science, and statistics courses taken for college credit at FSU or elsewhere, whether repeated or not, will not be allowed to continue as a major in this department.

2004-2005

For more information
Contact:

Student Services
Chipola College
(850) 718-2266



		Summer II	Sem. Hrs.
		CIS 1000	Intro to Computing Systems 3

FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101	Communication Skills I	4	ENC 1102	Communication Skills II	4
COP 2000	Intro to Computer Programming	3	MAC 1311	Calculus and Analytic Geometry	5
MAC 1140 & 1114	Precalculus Algebra and Trig	6	XXX XXXX ¹	SOCIAL SCIENCE	3
SLS 1101	Orientation	1	COP 2224	C++ Programming	3
TOTAL		14	TOTAL		15

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX	HUMANITIES [Gordon Rule Course(s)]	4	XXX XXXX	HUMANITIES	3
MAC 2312	Calculus and Analytic Geometry II	4	MAC 2313 or ELECTIVE ³	Calculus and Analytic Geometry III	4
COP 2535 ²	Intro to Data Structures & Algorithms	3	XXX XXXX ¹	SOCIAL SCIENCE	3
PHY 2048C & 2048L	Gen Physics I with Calculus and Lab	5	PHY 2049C & 2049L or ELECTIVE ³	Gen Physics II with Calculus and Lab	5
TOTAL		16	TOTAL		15

¹ FSU requires an international/diversity course for graduation. The Chipola courses which meet both a social science and a diversity requirement include GEA 2001, GEA 2002, REL 2300, SYG 1010, WOH 2012, and WOH 2022. It is strongly recommended that one of these courses be completed before earning the AA degree. FSU also requires one history course to graduate - recommend AMH or WOH.

² This course is strongly recommended because of required upper division course work.

³ May choose additional science courses (listed in narrative above), speech, or intermediate level foreign language.