

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**    **Program Length**  
1035    60 credits

### Entrance Requirements

This program is limited access and is available via Internet-supported distance learning for part-time students. GPA requirements are adjusted annually. Preference is given to students with higher grades in MAC 1311. Minimum overall GPA requirement is 2.65.

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 2220 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 at FSU or elsewhere, repeated or not, will not be admitted into the major.

# 2008-2009

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 I	4	
MAC 1140 & 1114	Precalculus Algebra and Trig	6	XXX XXXX <sup>1</sup>	SOCIAL SCIENCE	3	
SLS 1101 & SLS 1106	Orientation & FYLE (01/2009)	2	COP 2224	C++ Programming	3	
TOTAL		15	TOTAL		14	
SOPHOMORE YEAR						
1st Semester			Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX <sup>2</sup>	GORDON RULE WRITING	4	XXX XXXX	HUMANITIES	3	
MAC 2312	Calculus and Analytic Geometry II	4	MAC 2313	Calculus and Analytic Geometry III	4	
COP 2535 <sup>3</sup>	Intro to Data Structures & Algorithms	3	AMH 2010/2020	American History I or II	3	
PHY 2048C & 2048L	Gen Physics I with Calculus and Lab	5	or WOH 2012/2022	or World History I or II		
			PHY 2049C & 2049L	Gen Physics II with Calculus and Lab	5	
TOTAL		16	TOTAL		15	

<sup>1</sup> FSU requires an international/diversity course for graduation. The Chipola courses which meet a social science requirement at Chipola and should meet a diversity requirement at FSU include ASH 1044, GEA 2001, GEA 2002, REL 2300, and SYG 1010. It is strongly recommended that one of these courses be completed before earning the AA degree.

<sup>2</sup> Choose 4 hours from the following: AML 2010, AML 2020, ENL 2012, ENL 2022, ENC 1133, HUM 2216, HUM 2233, or SPT 2521.

<sup>3</sup> This course is strongly recommended because of required upper division course work.