



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

**ACADEMIC PLAN: Associate in Arts Degree**

## Computer Science: B.A. degree Transfer Institution: Florida State University

Code 1036 Program Length 60 credits

### Entrance Requirements

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

**The BA program requires 9 hours of humanities/history beyond general education requirements.** These may be completed at Chipola or FSU. The CS/BA is not ABET/CAV accredited and is not intended to provide sufficient preparation in computer science theory for graduate work in computer science.

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.

**FSU requires competency in oral communications for graduation. If you took a speech course in high school or were a member of a debate team, you may exempt this requirement. If not, take SPC 2608 at Chipola or CIS 4250 at FSU.**

**FSU requires one Natural Science course with a Lab to be completed before graduation. This is not an admission requirement.**

This College of Arts and Sciences major prepares students for careers in computer science and related fields, with a broad based background in programming language skills, theoretical computer science, hardware design, and mathematics. 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 and 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.*

### FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101 <sup>1</sup>	English Composition I	3	ENC 1102 <sup>1</sup>	English Composition II	3
COP 2000	Intro to Computer Programming	3	MAC 1311 <sup>6</sup>	Calculus and Analytic Geometry I	3
MAC 1140 <sup>6</sup>	Precalculus Algebra	3	XXX XXXX <sup>1,4,7</sup>	Social Science Core	3
XXX XXXX <sup>1,2</sup>	NATURAL SCIENCE CORE w/LAB	4	SPN 1120 <sup>5</sup>	Elementary Spanish I	
MAC 1114 <sup>6</sup>	Plane Trigonometry	3	or XXX XXXX	or ELECTIVE	3-4
SLS 1401	Career and Life Planning	1	COP 2800 <sup>3</sup>	JAVA Programming	3
SLS 1101	Orientation	1			
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		<b>15-16</b>

### SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX <sup>1</sup>	GORDON RULE WRITING	3	XXX XXXX <sup>1</sup>	GORDON RULE WRITING	3
COP 2224 <sup>3</sup>	C++ Programming	3	COP 2535 <sup>3</sup>	Intro to Data Structures & Algorithms	3
XXX XXXX <sup>1,4,7</sup>	SOCIAL SCIENCE	3	XXX XXXX <sup>1</sup>	HUMANITIES CORE	3
SPN 1121 <sup>5</sup>	Elementary Spanish II		XXX XXXX <sup>1</sup>	NATURAL SCIENCE	3
or XXX XXXX	or ELECTIVE	3-4	SPN 2220 <sup>5</sup>	Intermediate Spanish I	
			or XXX XXXX	or ELECTIVE	3-4
<b>TOTAL</b>		<b>12-13</b>	<b>TOTAL</b>		<b>15-16</b>

<sup>1</sup> See General Education Requirements in current Chipola College Catalog.

<sup>2</sup> FSU requires one Natural Science course with a Lab to be completed before graduation with a C or higher. This is not an admission requirement.

<sup>3</sup> Select another department approved course if this course is not available.

<sup>4</sup> 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.

<sup>5</sup> **This major requires completion of a foreign language through the 2220 level before graduation from FSU.**

<sup>6</sup> Prerequisite coursework. Must be completed with a "C" or higher.

<sup>7</sup> **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.