

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

This major includes the theoretical foundations of computer science and the study of algorithms, data structures, software engineering, computer architecture, and the concepts of programming languages. For more information, check the [UWF website](#). Check with an advisor about the Management Information Systems computer major located in the College of Business.

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

Transfer Institution: University of West Florida

Code 1035 **Program Length** 60 credits

Entrance Requirements

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.

Minimum GPA of 2.5 with no grade lower than "C" in major courses.

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 ²	Intro to Computer Programming	3	MAC 1311 ²	Calculus and Analytic Geometry I	4
MAC 1114	Plane Trigonometry	3	BSC 2011 & 2011L ³	Integrated Principles of Biology II & Lab	4
BSC 2010 & 2010L ³	Integrated Principles of Biology I & Lab	4	or CHM 1046 & 1046L ³	or General Chemistry II & Lab	4
SLS 1401	Career and Life Planning	1	ECO 2013	Macroeconomics	3
SLS 1101	Orientation	1	XXX XXXX ¹	HUMANITIES CORE	3
TOTAL		15	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
COP 2224 ²	C++ Programming	3	COP 2535 ⁴	Intro to Data Structures & Algorithms	3
MAC 2312 ²	Calculus and Analytic Geometry II	4	MAC 2313 ²	Calculus and Analytic Geometry III	4
PHY 2048C & 2048L ²	Gen Physics I with Calculus and Lab	5	PHY 2049C & 2049L ²	Gen Physics II with Calculus and Lab	5
			XXX XXXX ^{1,5}	SOCIAL SCIENCE	3
TOTAL		15	TOTAL		18

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

² Major courses; must be completed with a grade of "C" or better.

³ Requires sequence of science courses for science majors; these are preferred.

⁴ Select another department approved course if this course is not available.

⁵ **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.

2020-2021

For more information
Contact:

Student Affairs
Chipola College
(850) 718-2266

