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, Panama City Campus.

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!).

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

The courses listed on this plan 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.

### ACADEMIC PLAN: Associate in Arts Degree

**Computer Science: B.S. degree**

**Transfer Institution: Florida State University**

<table>
<thead>
<tr>
<th>Code</th>
<th>Program Length</th>
<th>Transfer Institution: Florida State University</th>
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<tbody>
<tr>
<td>1035</td>
<td>60 credits</td>
<td>PANAMA CITY CAMPUS</td>
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#### Entrance Requirements

This program is **ABET accredited** and is available on campus or via Internet-supported distance learning.

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. Students who plan to attend the Panama City Campus should take this course at Chipola since foreign language courses are not available on the PC campus. **Students must satisfy the state foreign language admissions requirement within first year at FSU Panama City.**

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 2608 at Chipola to satisfy this requirement.

### FRESHMAN YEAR

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<tr>
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<tbody>
<tr>
<td>ENC 1101</td>
<td>Communication Skills I</td>
<td>4</td>
<td>ENC 1102</td>
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<tr>
<td>COP 2000</td>
<td>Intro to Computer Programming</td>
<td>3</td>
<td>MAC 1311</td>
</tr>
<tr>
<td>MAC 1140 &amp; 1114</td>
<td>Precalculus Algebra and Trig</td>
<td>6</td>
<td>XXX XXXX</td>
</tr>
<tr>
<td>CHM 1045 &amp; 1045L1</td>
<td>General Chemistry I &amp; Lab</td>
<td>4</td>
<td>AMH 2010/2020</td>
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<tr>
<td>SLS 1101</td>
<td>Orientation</td>
<td>1</td>
<td>or WOH 2012/2022</td>
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<td><strong>TOTAL</strong></td>
<td>18</td>
<td><strong>TOTAL</strong></td>
<td>14</td>
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1. Instead of all three courses (CHM 1045/1045L, BSC 2010/2010L, and BSC 2011/2011L), you may choose one of these courses with lab plus 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.

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

3. Select another department approved computer science course if this one is not available.

4. 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.